



HOMYET

鸿壹部品

SWITCH · JACK · CONNECTOR

深圳市鸿壹部品电子有限公司致力于电子元器件的开发、设计、生产、销售于一体的专业公司，一贯秉承创新研发及质量至上之精神，针对日超多元化的市场需求，不断开拓，成功的开发了一系列新产品并推向市场。主要产品包括：轻触开关、拨动开关、耳机插座、DC电源座、卡座、连接器等。产品广泛应用于时尚数码、通讯、多媒体、数字家庭等相关领域。公司拥有完善的品质管理体系、经验丰富的专业技术人才，积极推动着尖端技术的开发和运用。

深圳市鸿壹部品电子有限公司
HOMYET PARTS ELECTRONICS CO.,LTD.

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公众号

www.homyet.com
专业开关插座连接器制造商

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目錄 CONTENT

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HY-1100



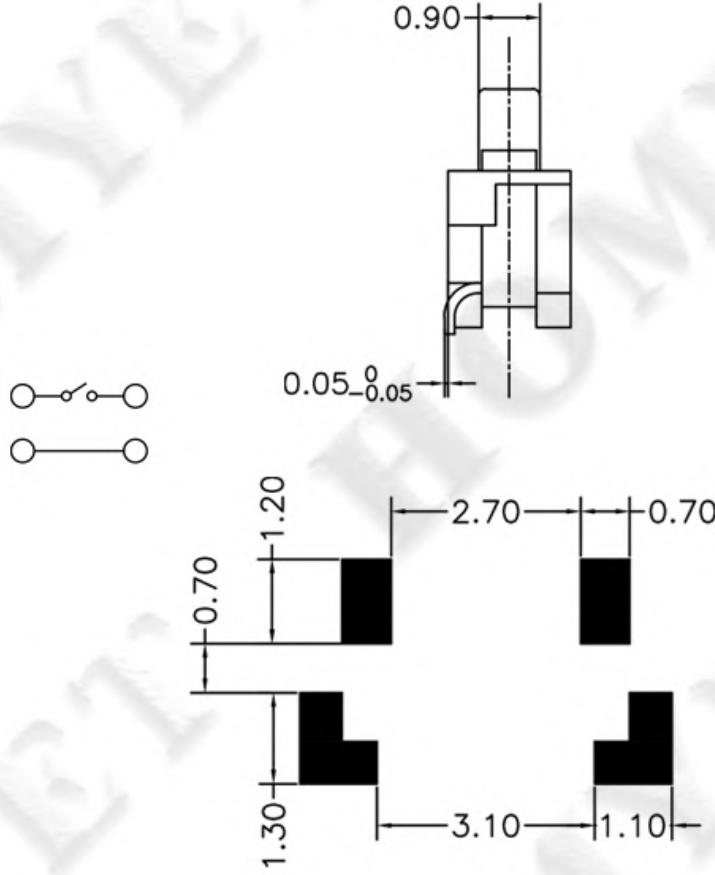
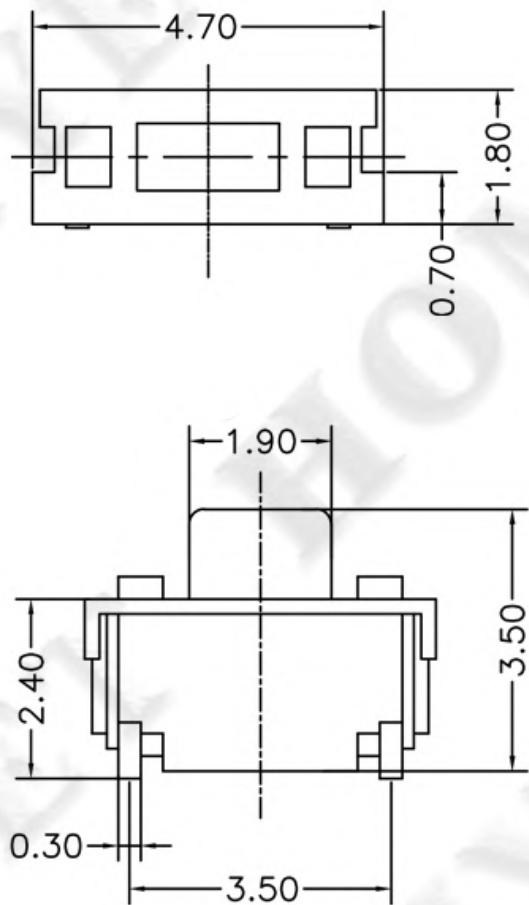
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Full Travel	$0.17 \pm 0.1\text{mm}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B. Land Panttern

HY-1100E



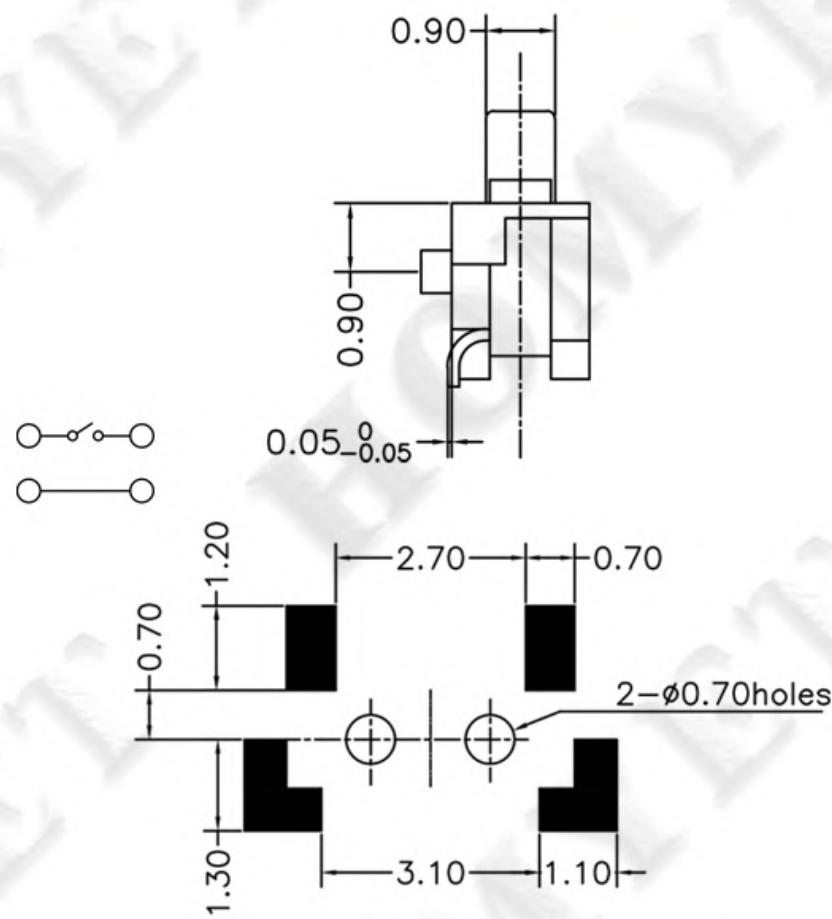
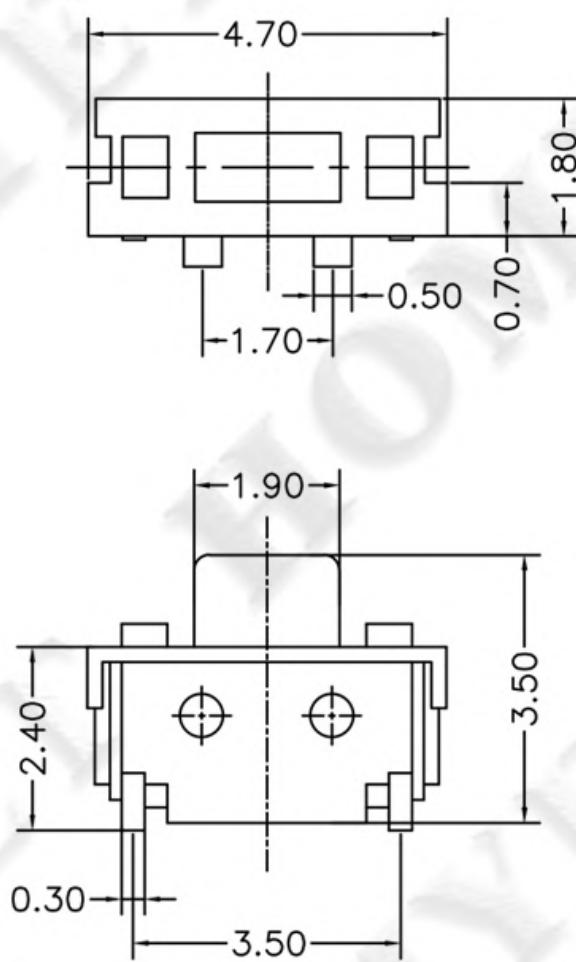
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Full Travel	$0.17 \pm 0.1\text{mm}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B. Land Panttern

TACT SWITCH

HY-1100K



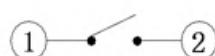
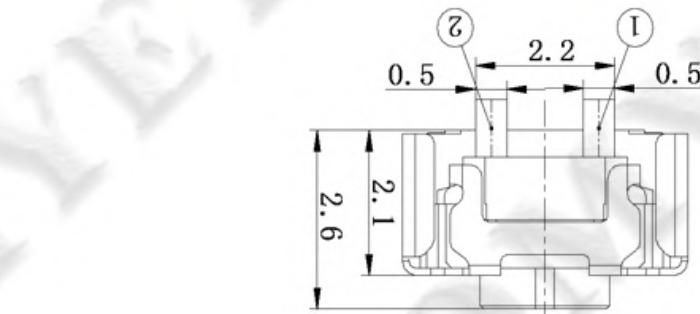
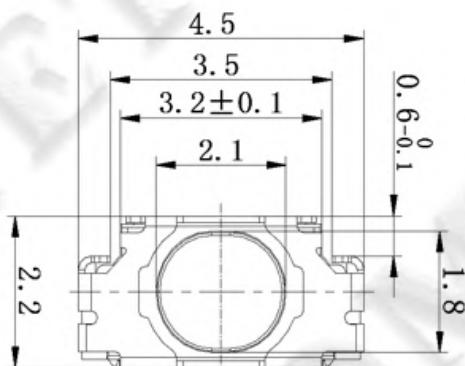
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$2.2\pm 0.7\text{N}$
Operation life	600,000

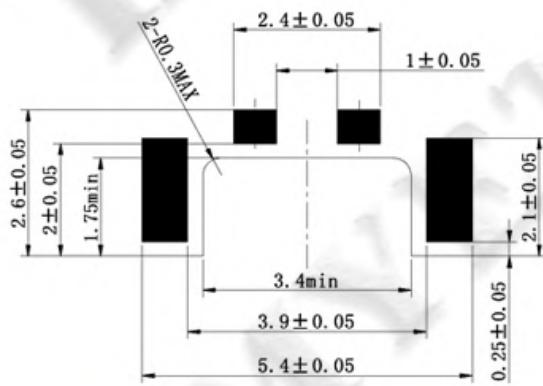
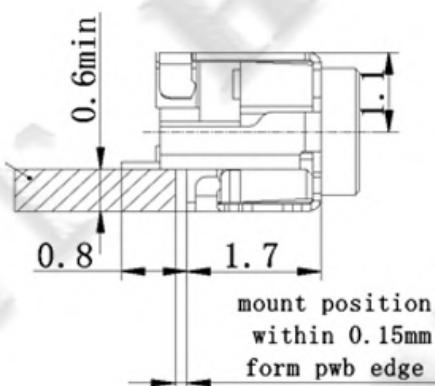


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



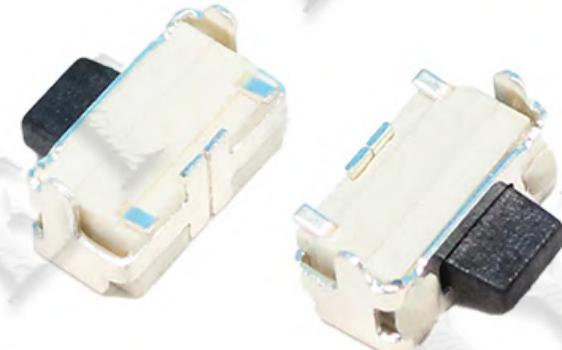
TACT SWITCH

HY-1100N



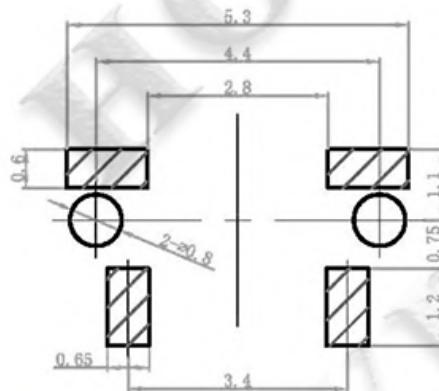
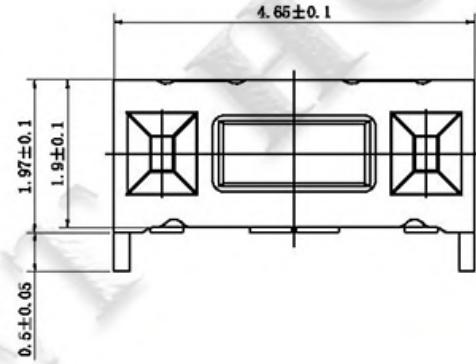
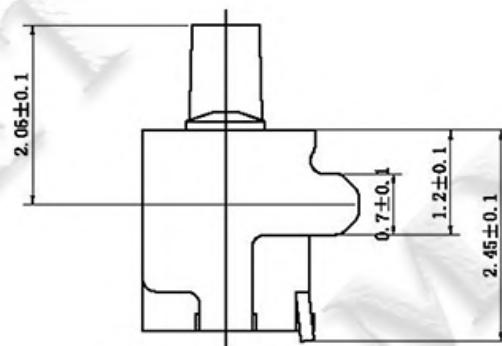
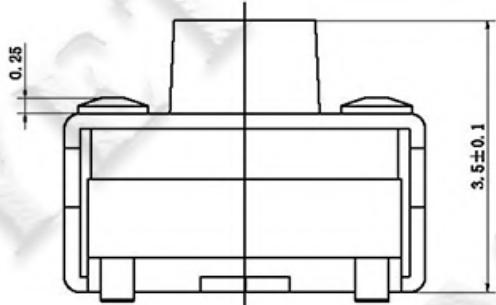
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120\pm 50\text{gf}$
Full Travel	$0.15\pm 0.05\text{mm}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1100N-D



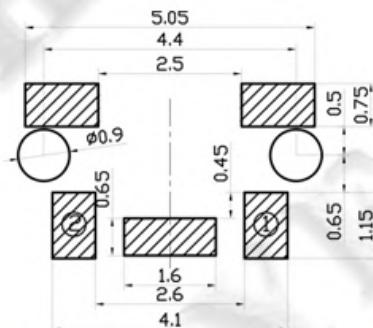
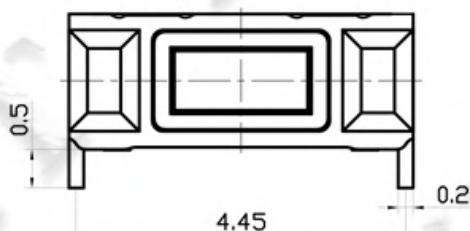
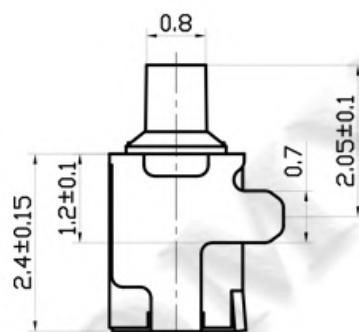
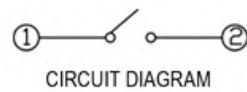
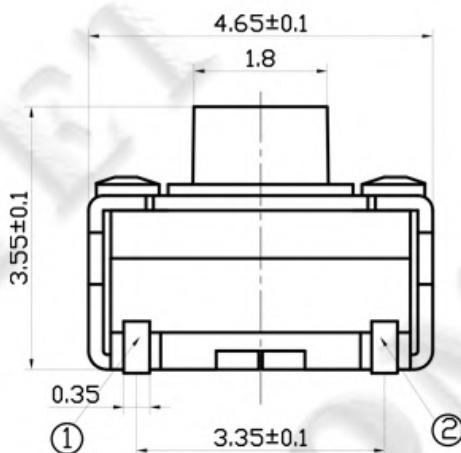
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1100N-D2



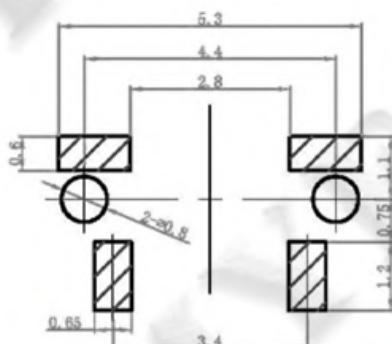
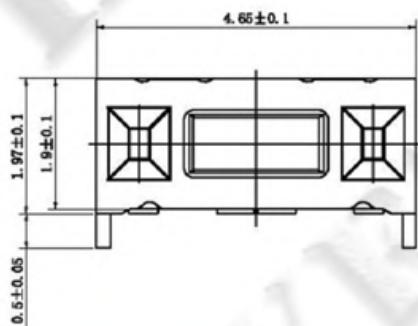
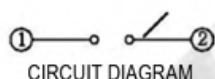
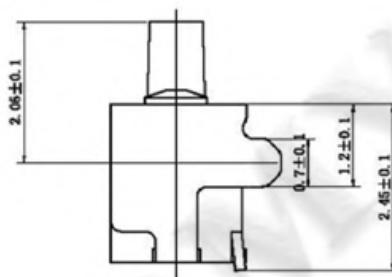
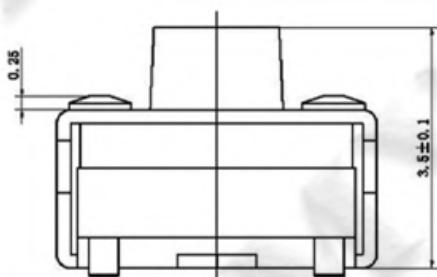
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1101



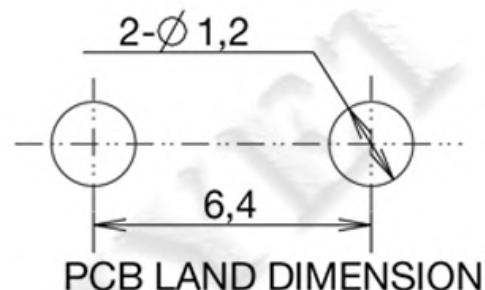
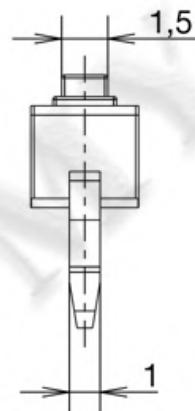
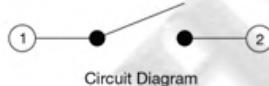
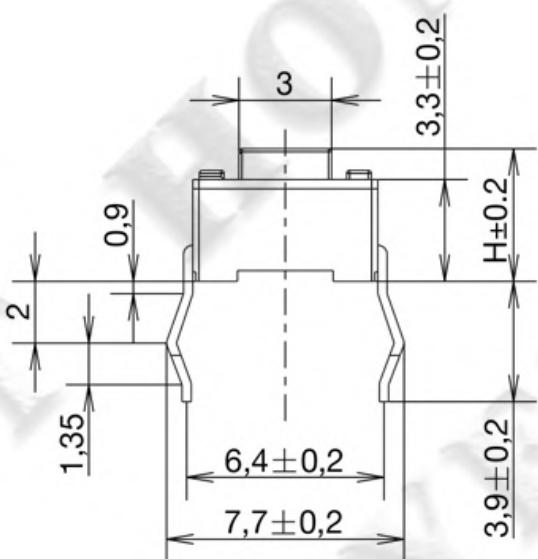
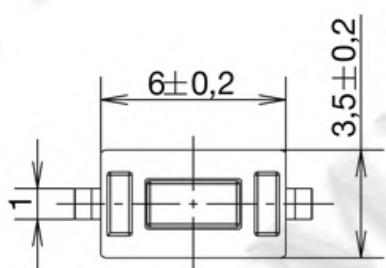
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1101ES



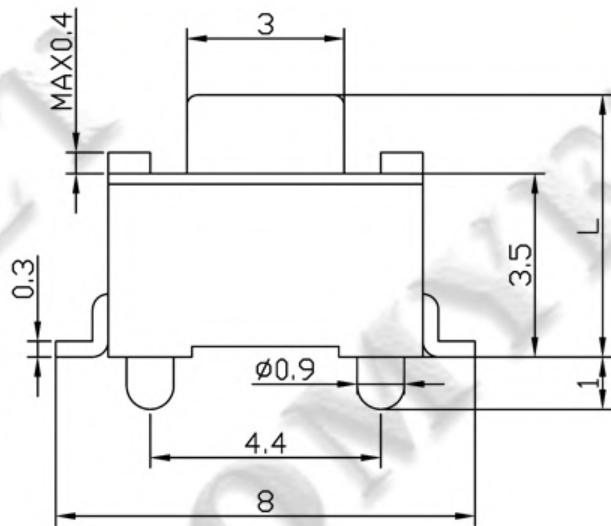
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

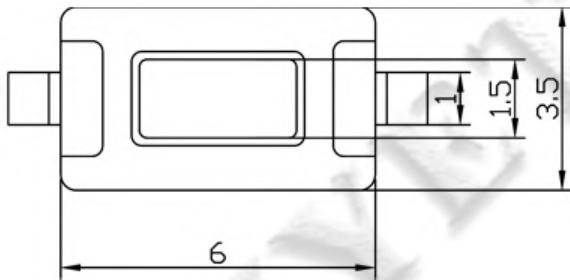
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B. Land Pattrn



TACT SWITCH

HY-1101S

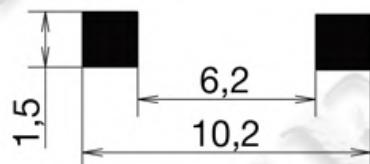
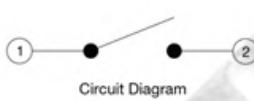
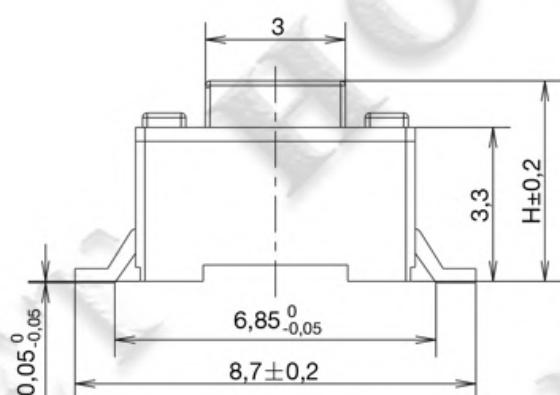
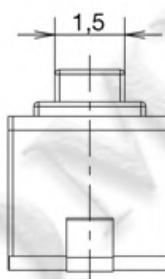
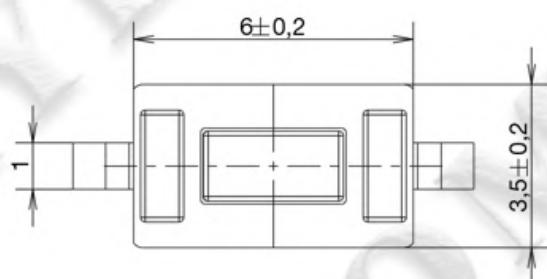


SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120 \pm 50\text{gf}$
Full Travel	$0.15 \pm 0.05\text{mm}$
Operation life	100,000

SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB LAND DIMENSION

TACT SWITCH

HY-1101S-BK



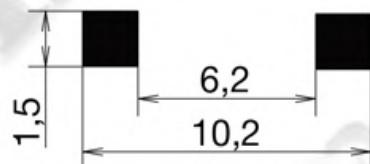
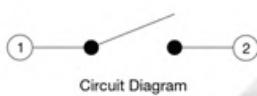
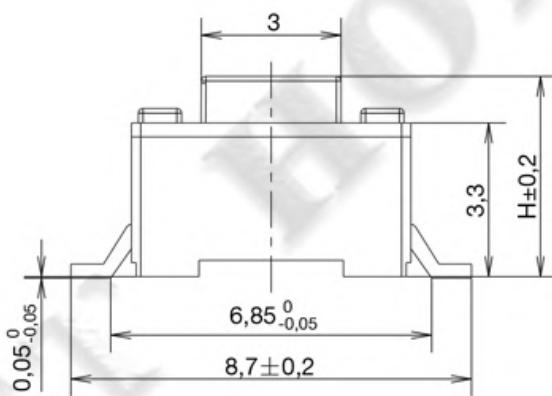
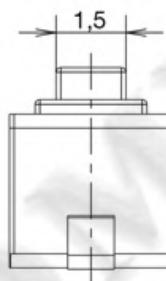
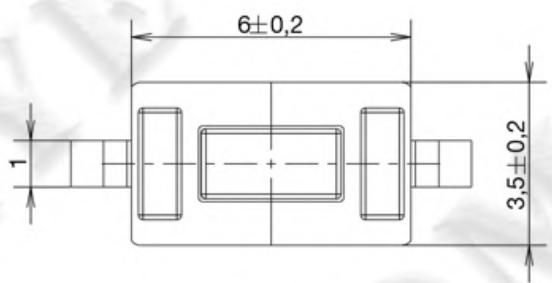
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120 \pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB LAND DIMENSION

TACT SWITCH

HY-1101U



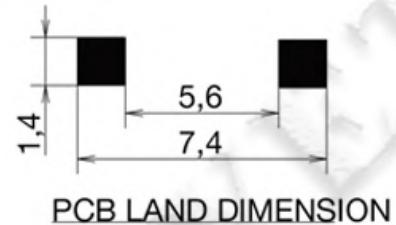
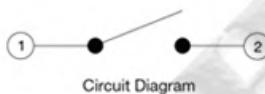
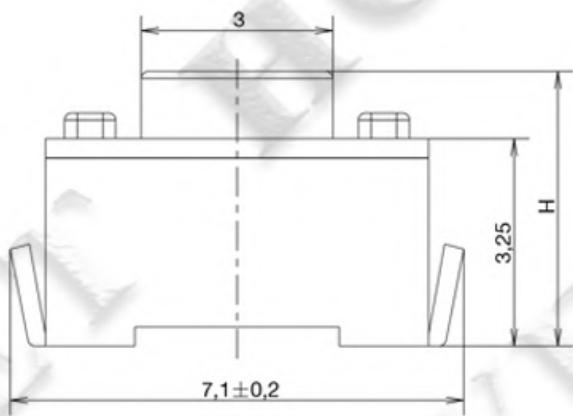
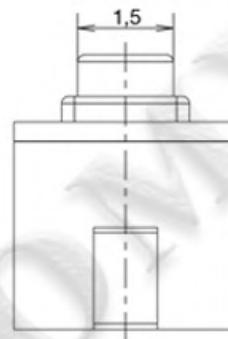
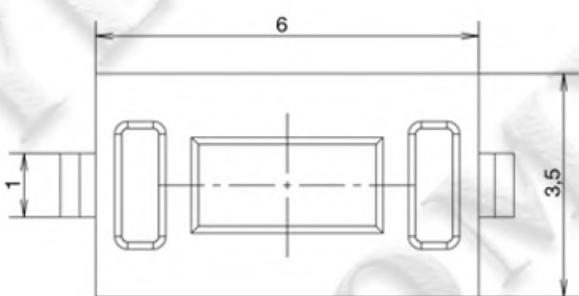
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120 \pm 50\text{gf}$
Full Travel	$0.15 \pm 0.05\text{mm}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB LAND DIMENSION

TACT SWITCH

HY-1101V-H6



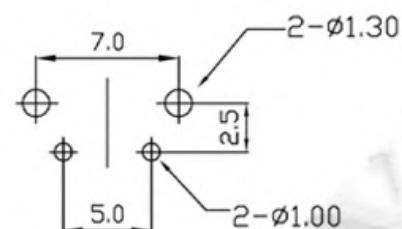
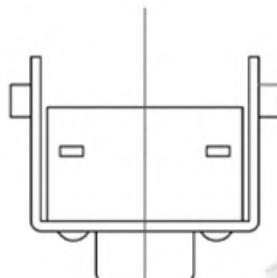
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$180 \pm 50\text{gf}$
Full Travel	$0.25 \pm 0.1\text{mm}$
Operation life	50,000

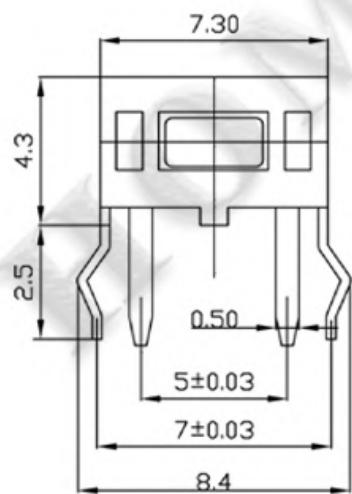


SOLDERING CONDITIONS

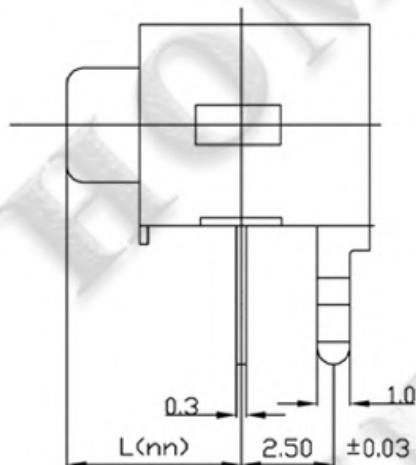
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB DIMENSIONS



Circuit Diagram



TACT SWITCH

HY-1101WES



SPECIFICATIONS

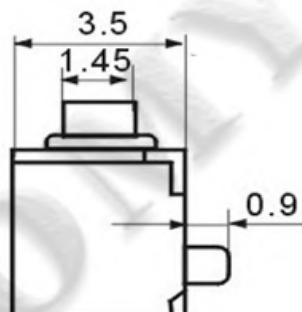
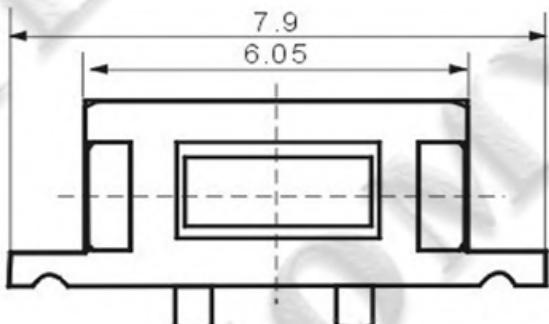
Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 30 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operation life	50,000



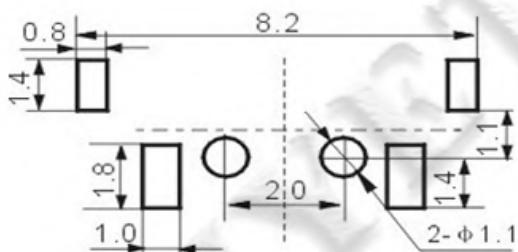
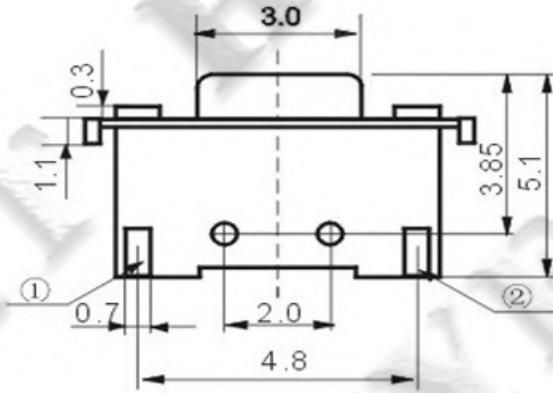
SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

H | 4.3 | 4.5 | 4.7 | 5.0 | 6.8 |



Circuit Diagram



P.C.B Land Pattern

HY-1102



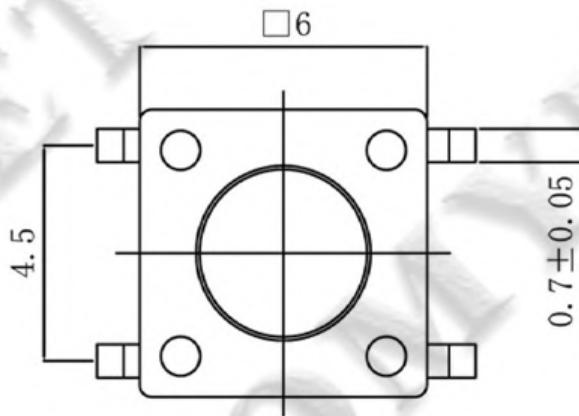
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	100,000

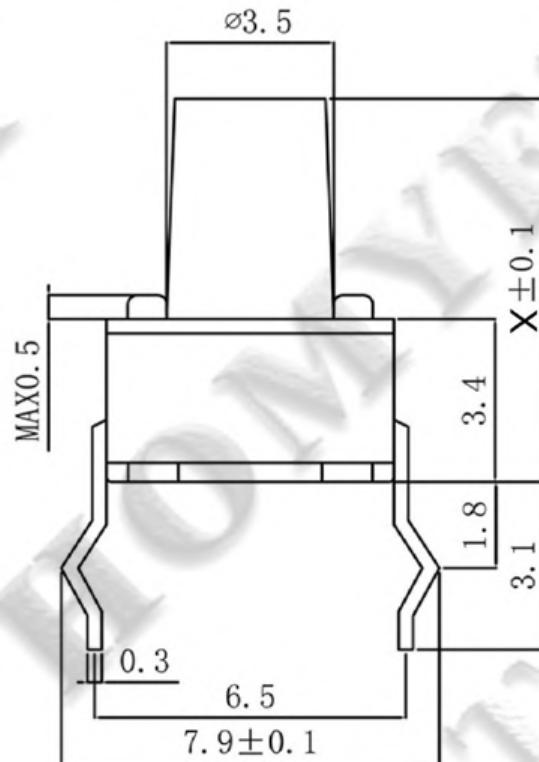
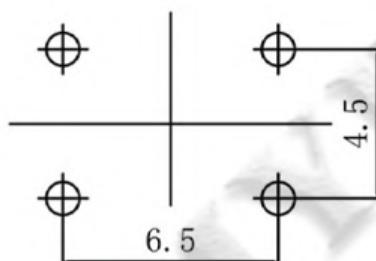


SOLDERING CONDITIONS

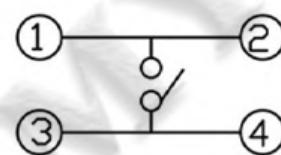
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B. Land Pattern



Circuit Diagram



TACT SWITCH

HY-1102H



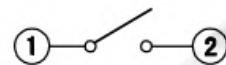
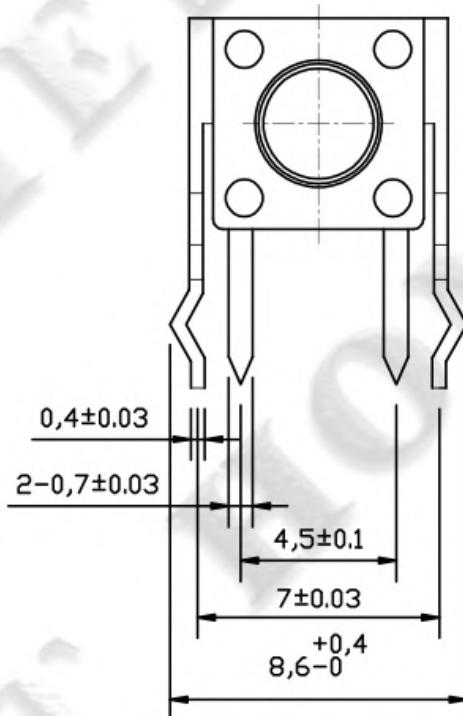
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000

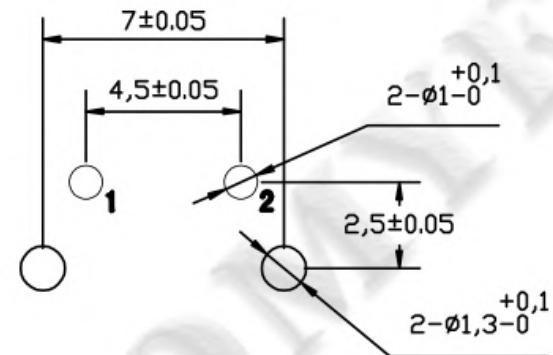
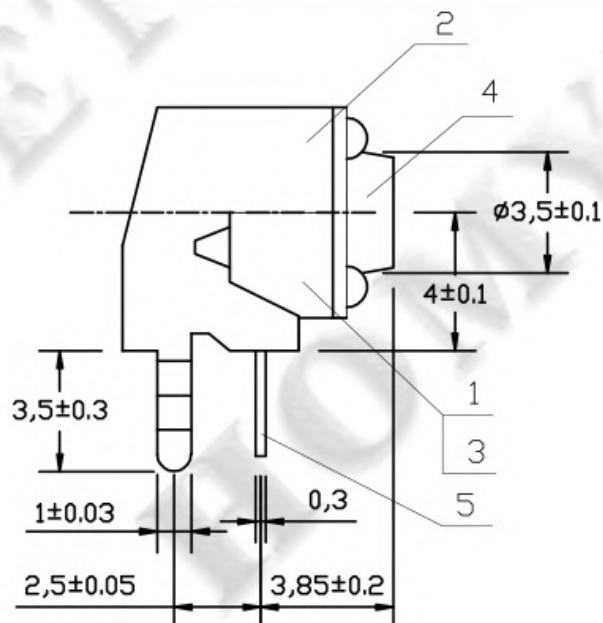


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



HY-1102HB



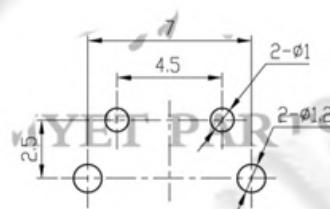
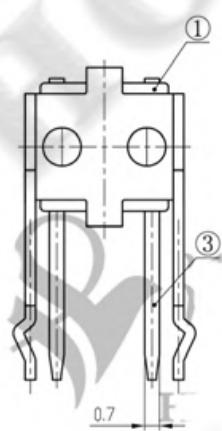
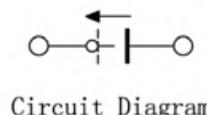
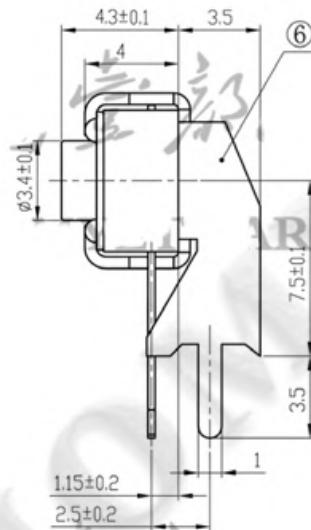
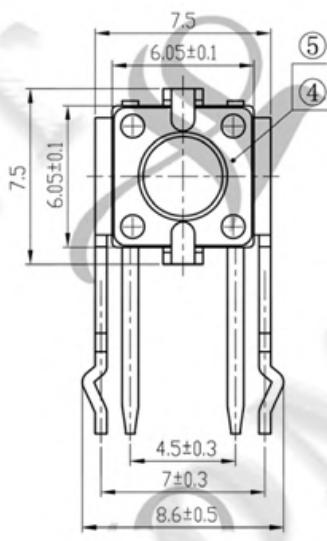
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



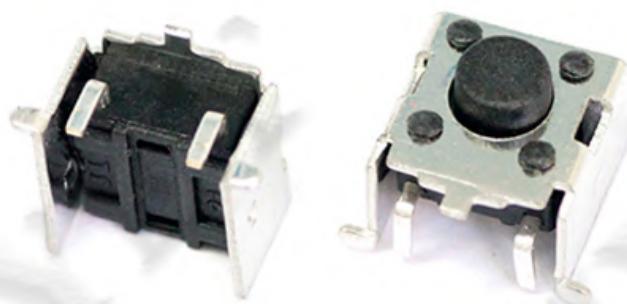
P. C. B. Holes Diagram
(BOTTOM VIEW)

HY-1102HD



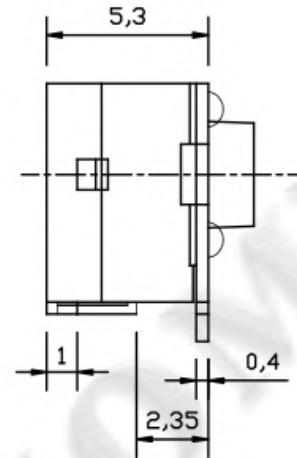
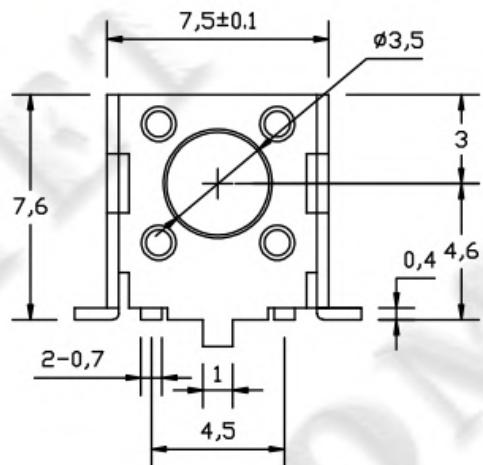
SPECIFICATIONS

Rated Input Current	0.5 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000

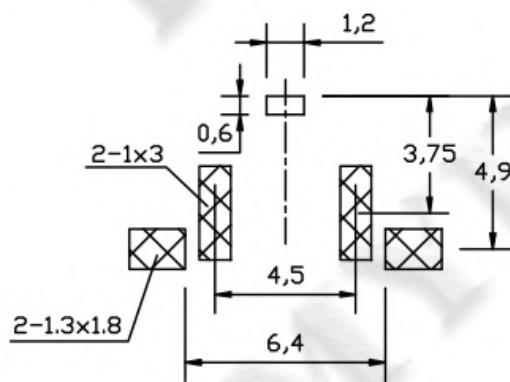
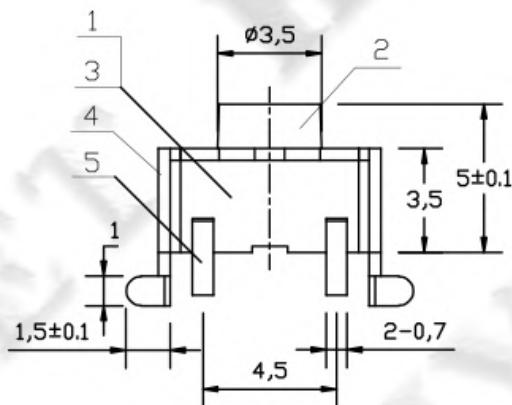


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



① → ②
CIRCUIT DIAGRAM



HY-1102HD1



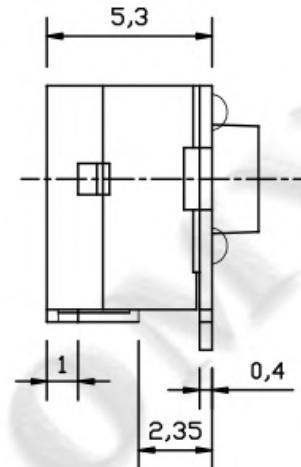
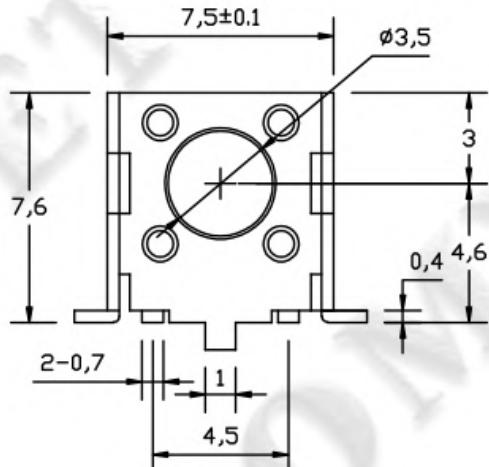
SPECIFICATIONS

Rated Input Current	0.5 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	100,000

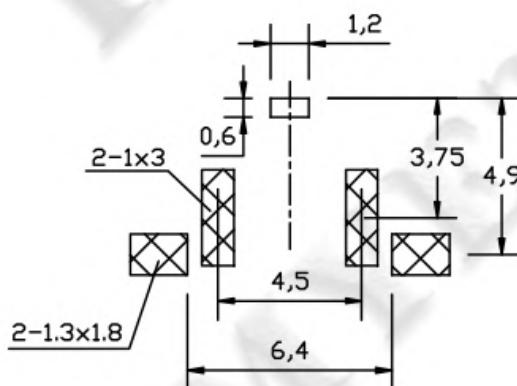
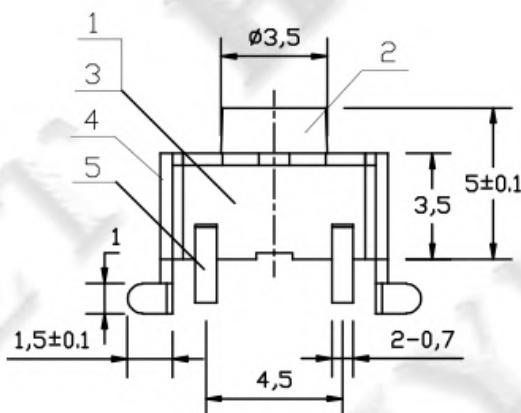


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



① → ②
CIRCUIT DIAGRAM



HY-1102HD-S5



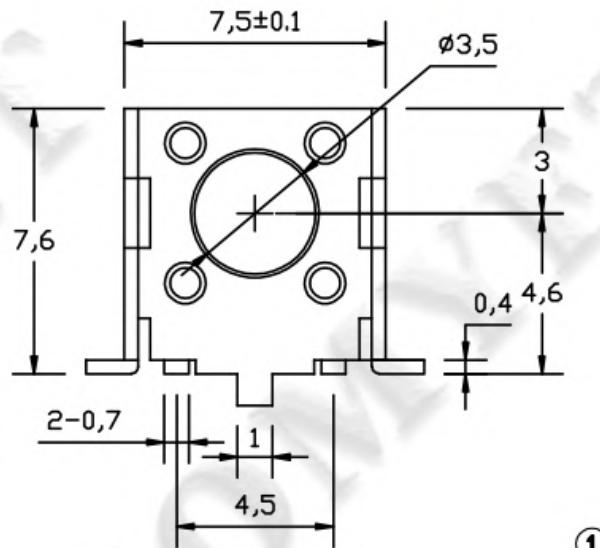
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000

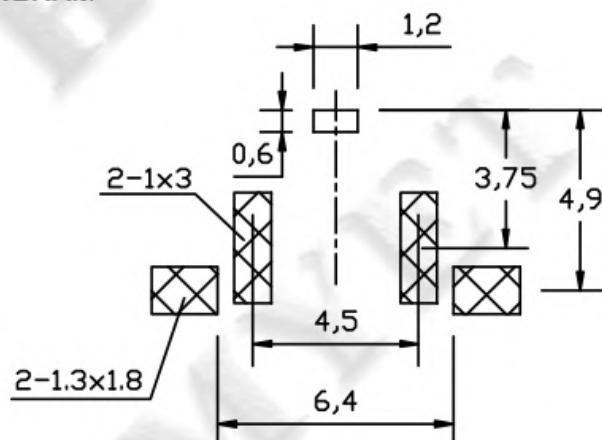
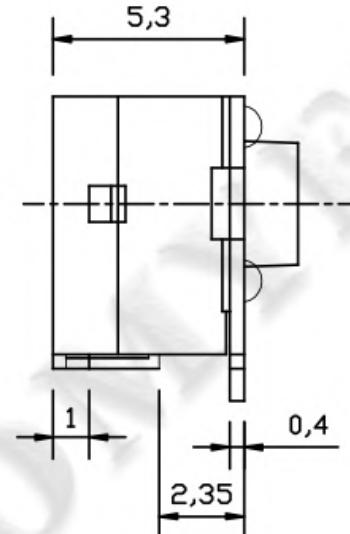
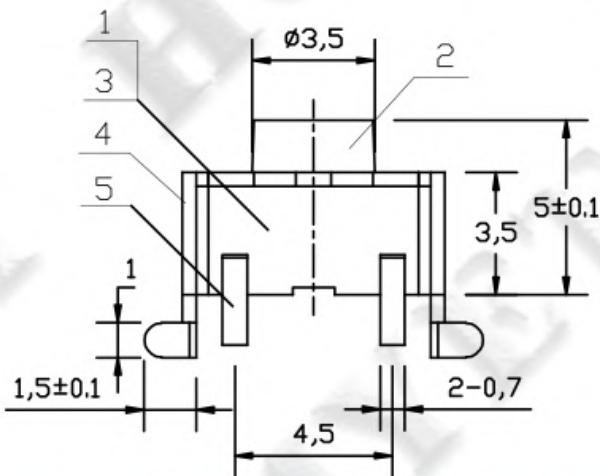


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



TACT SWITCH

 **HOMYET**

HY-1102H-H4.3



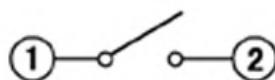
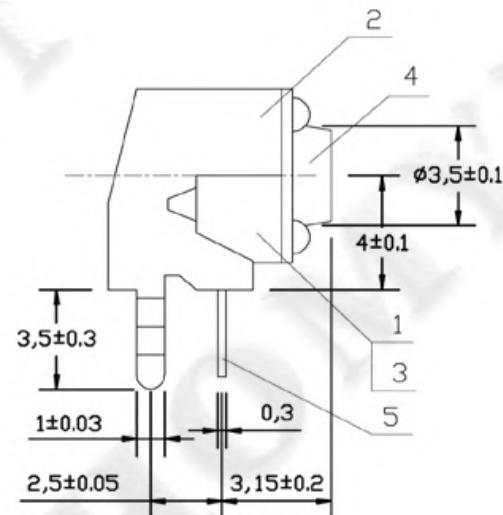
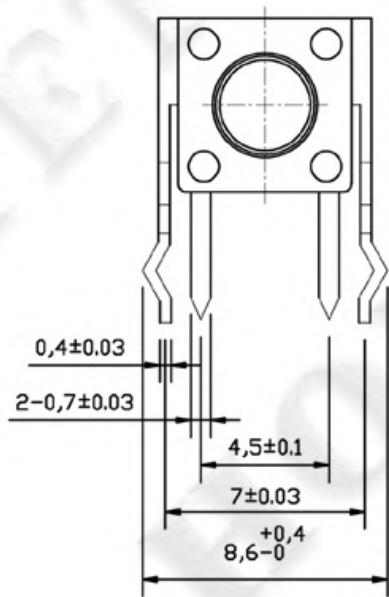
SPECIFICATIONS

Rated Input Current	25mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000

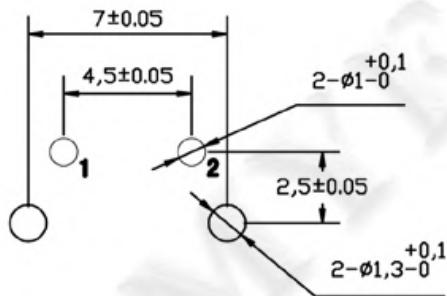


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



TACT SWITCH

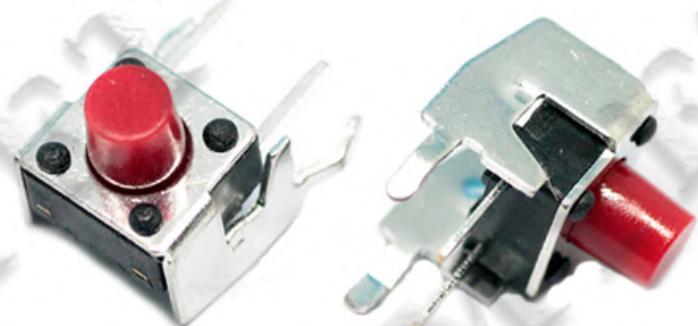
 **HOMYET**

HY-1102H-H7RD



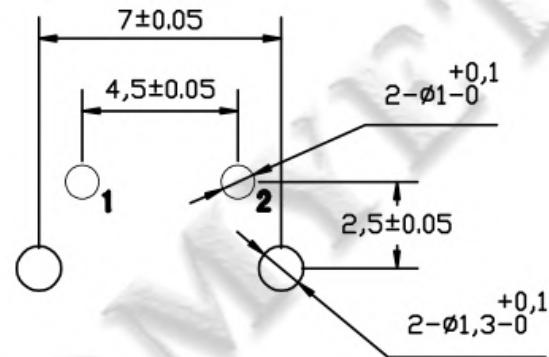
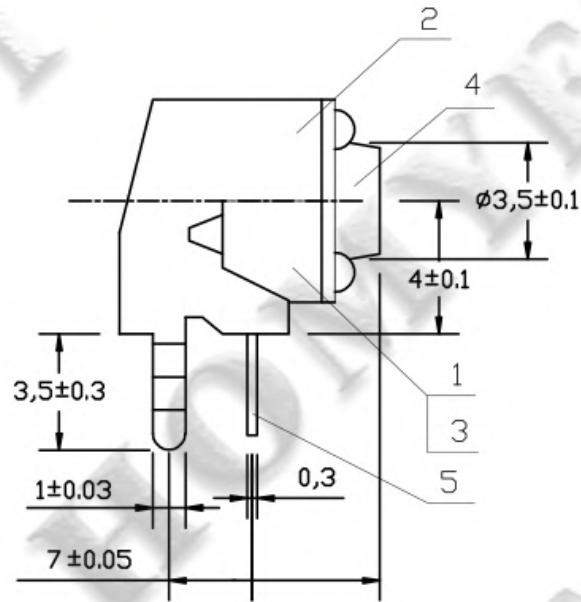
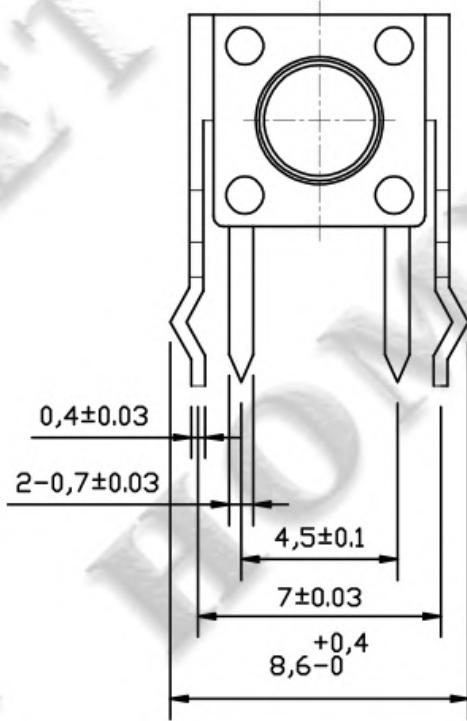
SPECIFICATIONS

Rated Input Current	25mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM

HY-1102HLT



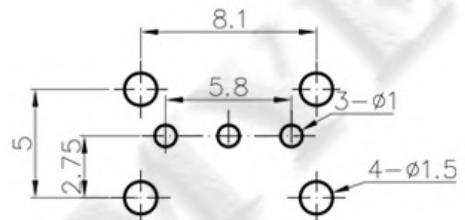
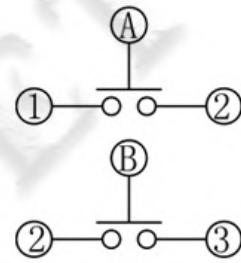
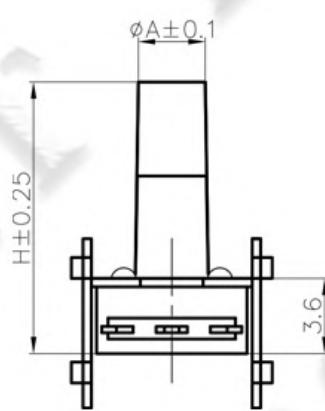
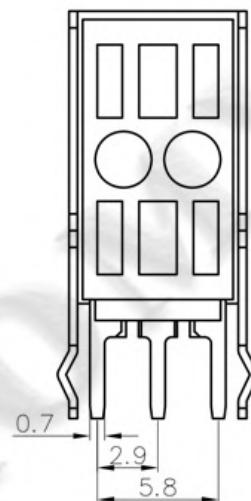
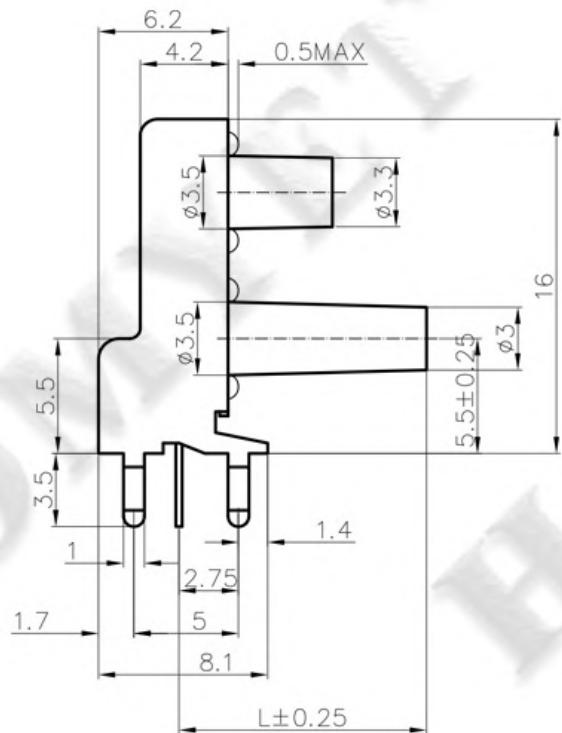
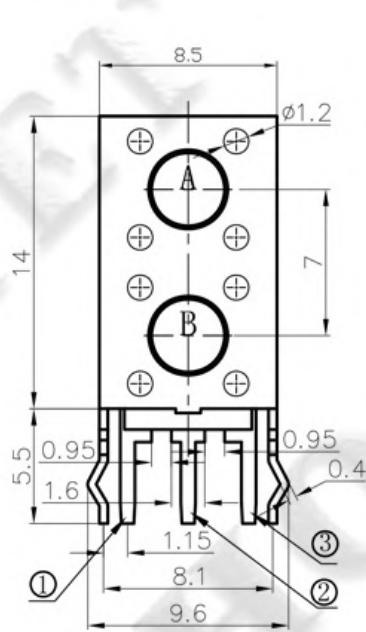
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 50\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160\text{g}\pm 50\text{g}$
Operation life	80,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1102J



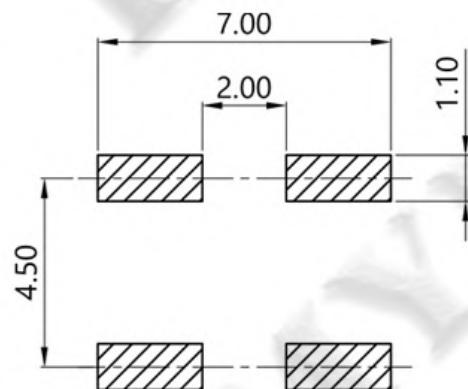
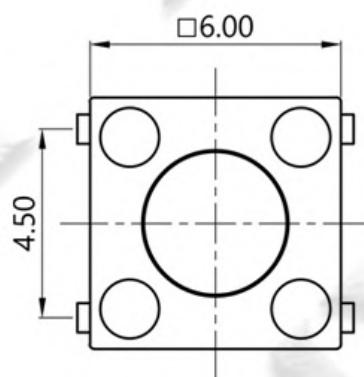
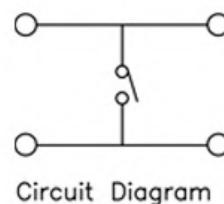
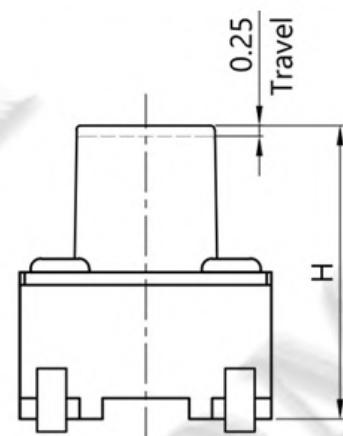
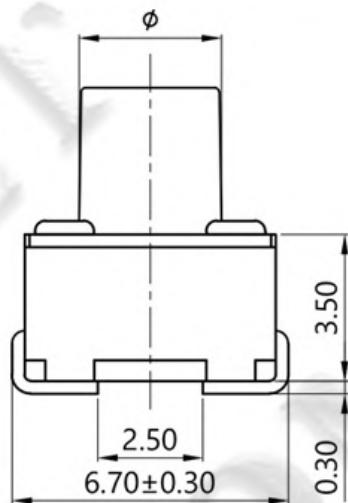
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 50 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	120g ± 30 g
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



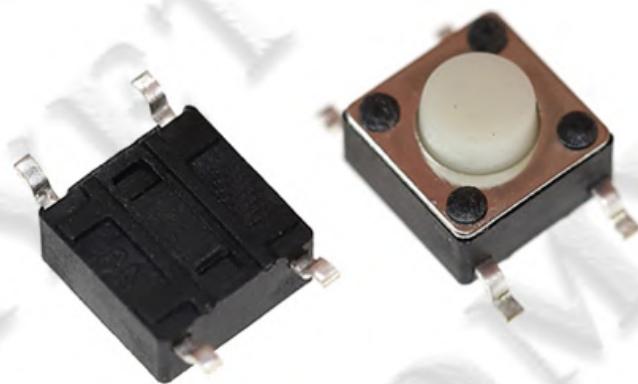
PCB Layout(Pattern side)

HY-1102S-A



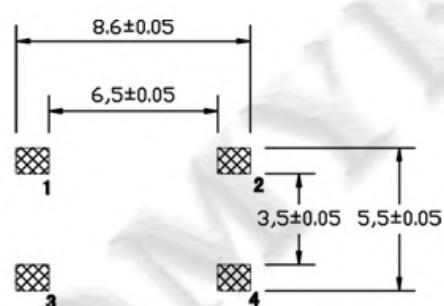
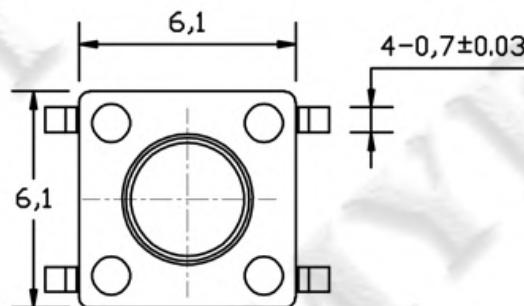
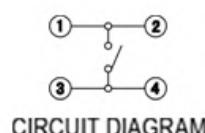
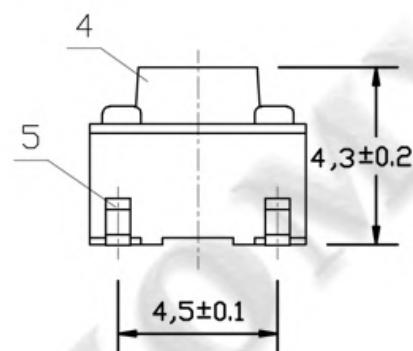
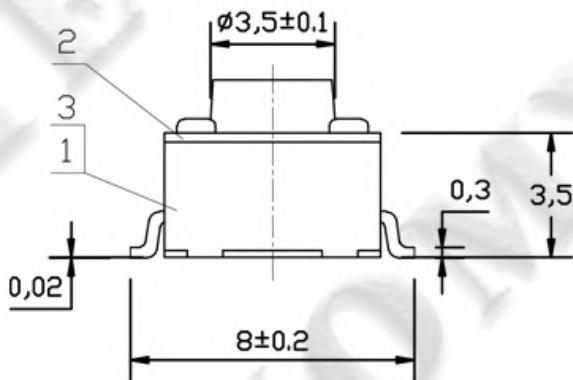
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1102S-H5



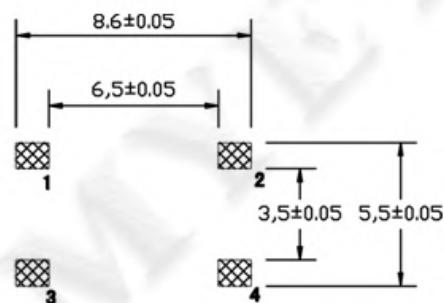
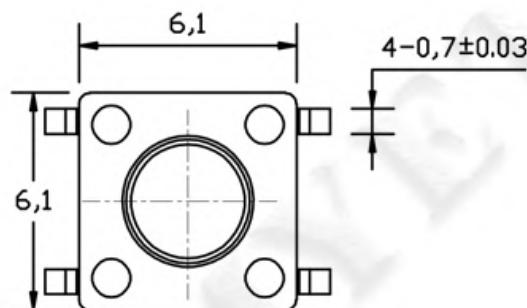
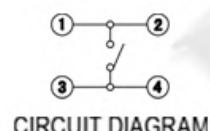
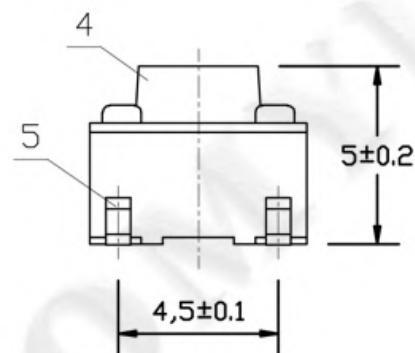
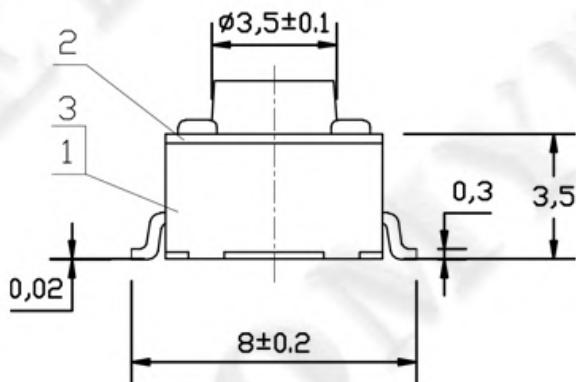
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

 **HOMYET**

HY-1102V



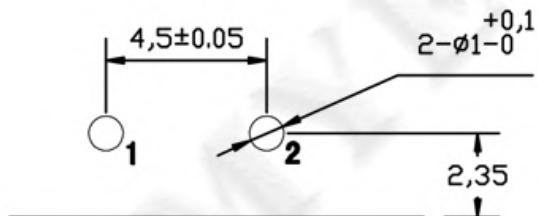
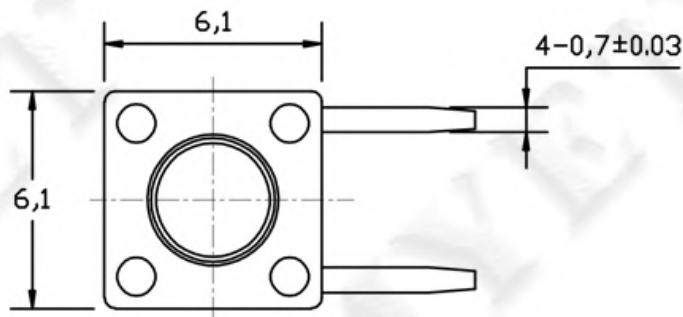
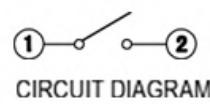
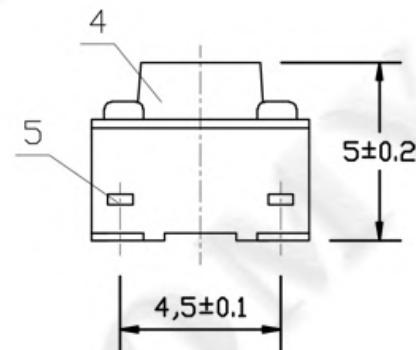
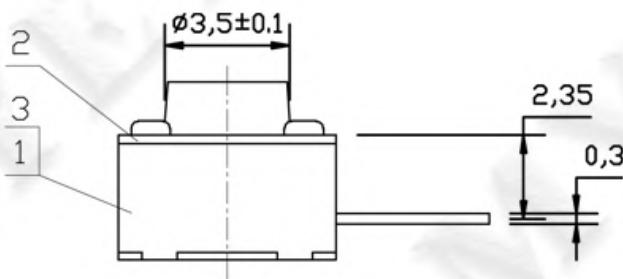
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1102V3-H5



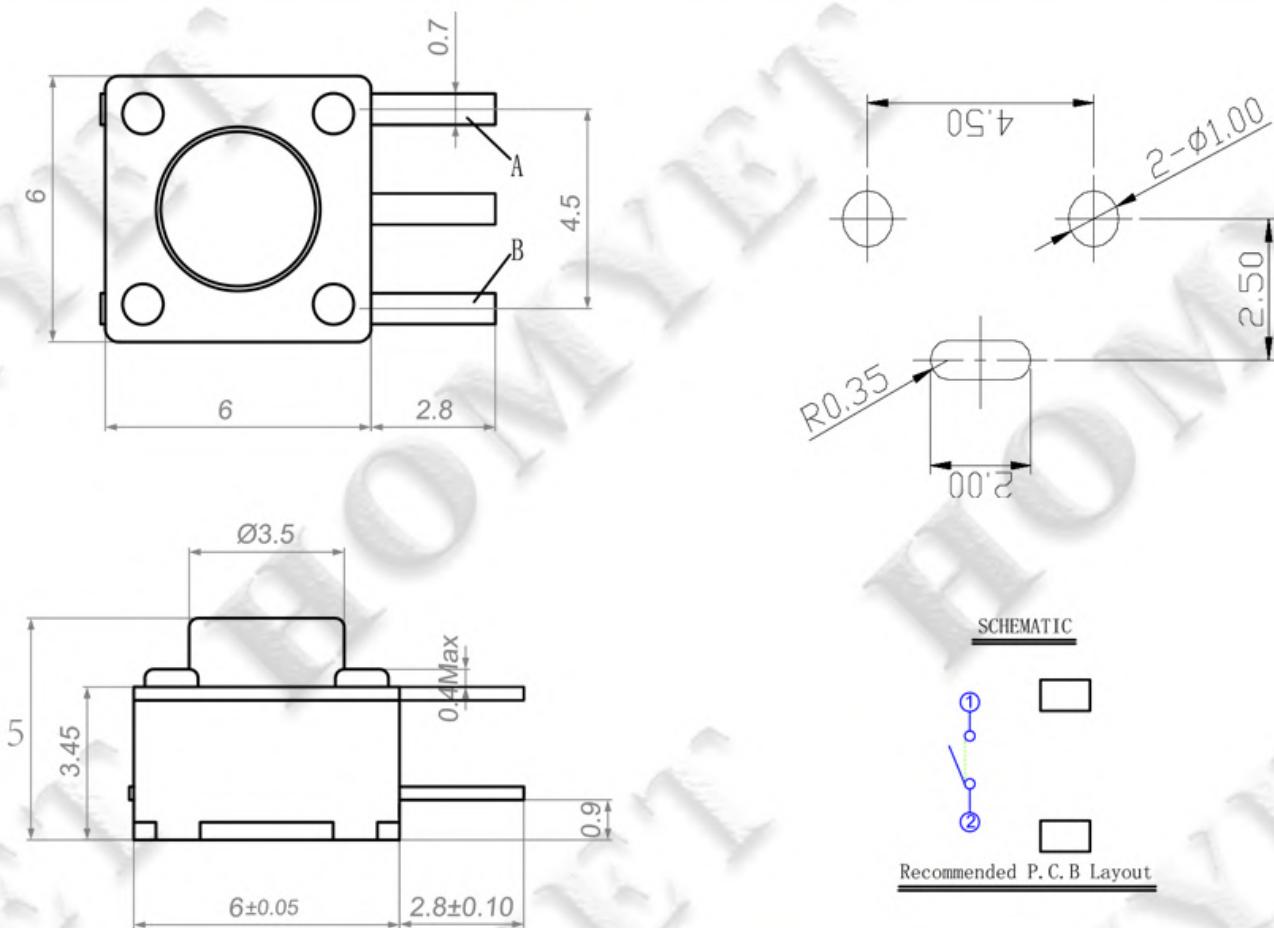
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Full Travel	$0.25 \pm 0.1\text{mm}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1102WT2



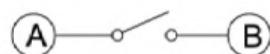
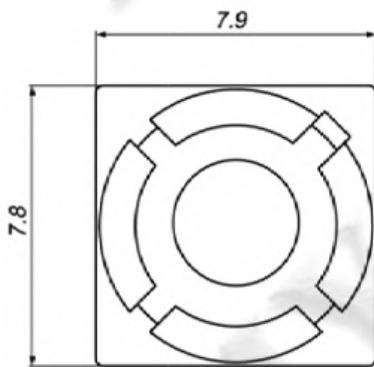
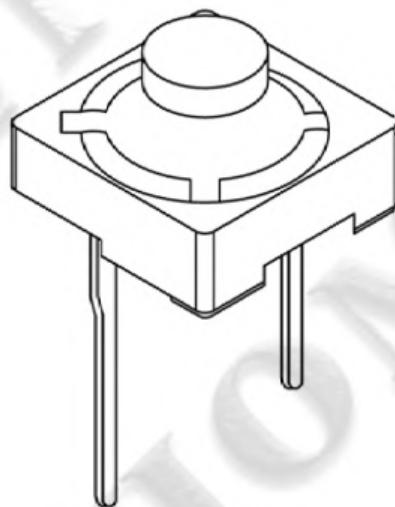
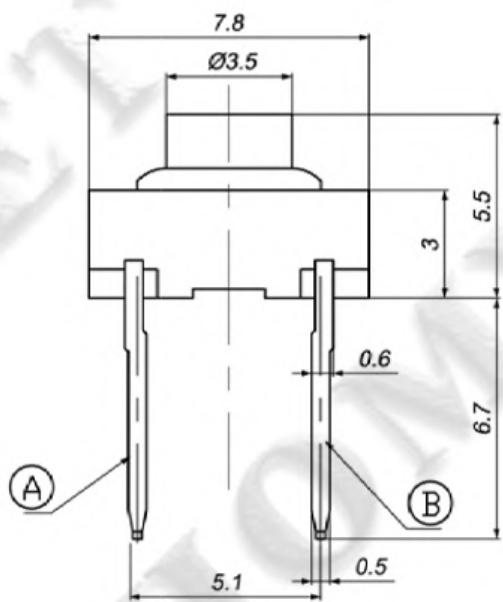
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 50\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$70\pm 10\text{gf}$
Operation life	200,000

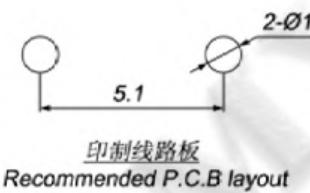


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



电路简图
SCHEMATIC



印制线路板
Recommended P.C.B layout

TACT SWITCH



HY-1102Y



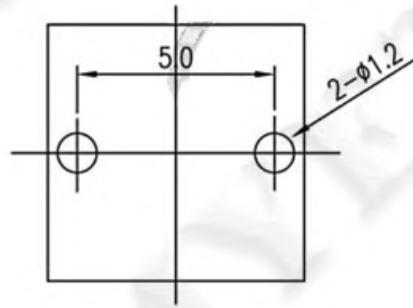
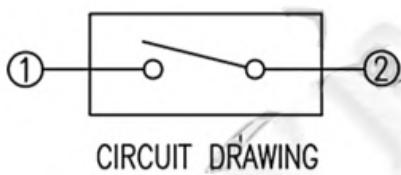
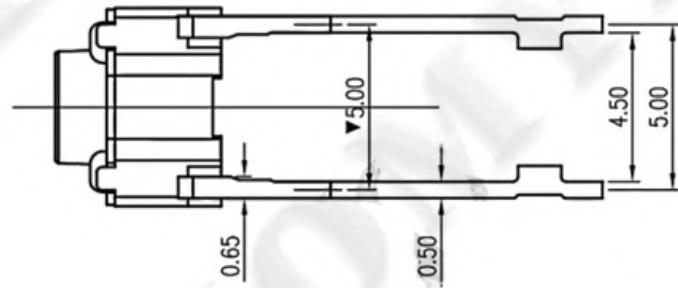
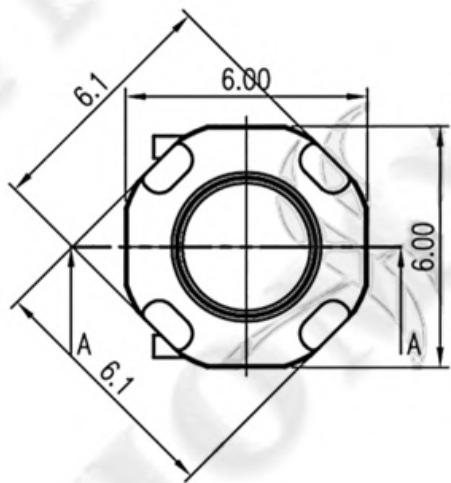
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P.C.B HOLE

HY-1102Z-A



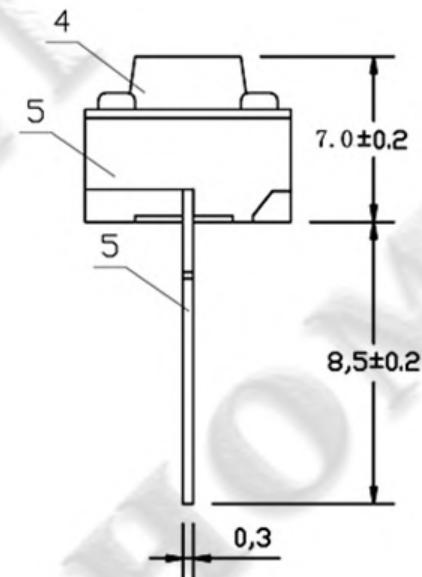
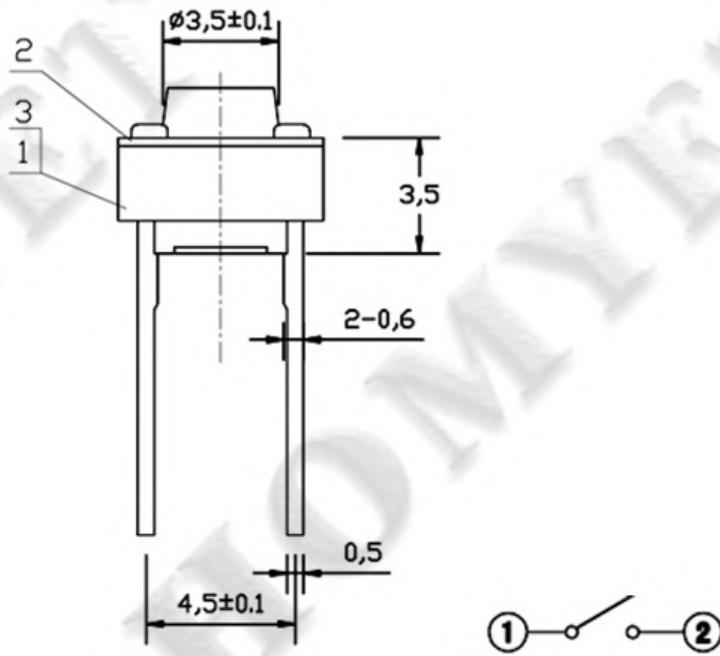
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\text{g}\pm 50\text{g}$
Operation life	20,000

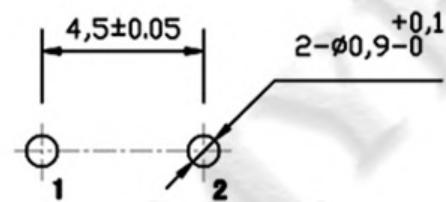
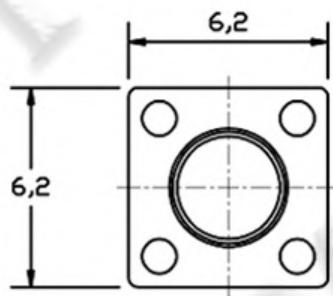


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DRAWING



P. C. B HOLE

TACT SWITCH

HY-1102Z-H7

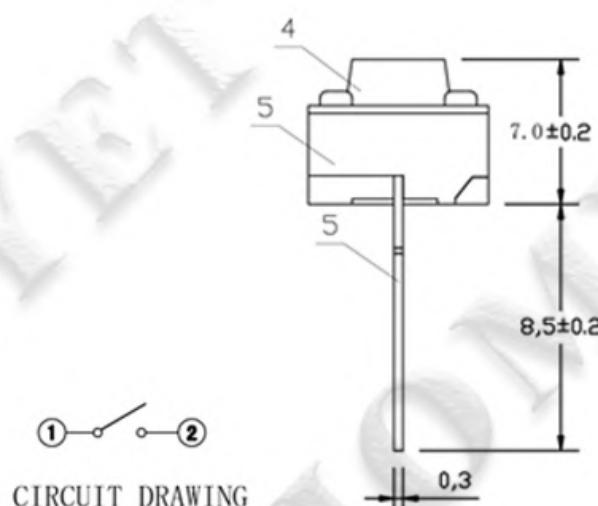
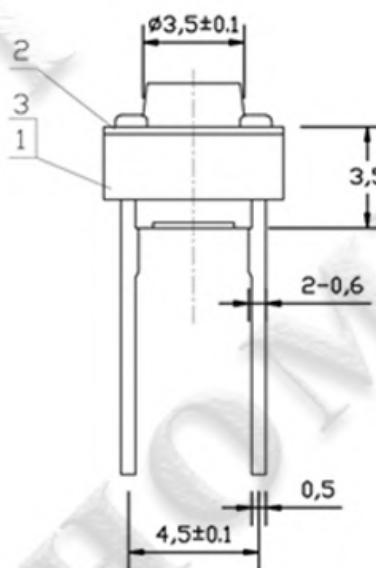


SPECIFICATIONS

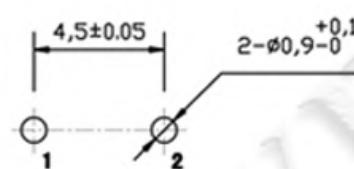
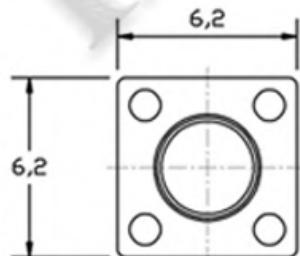
Rated Input Current	0.5A
Rated Input Voltage	12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	250 \pm 50gf
Operation life	100,000

SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DRAWING
①—○—○—②



TACT SWITCH

HY-1103



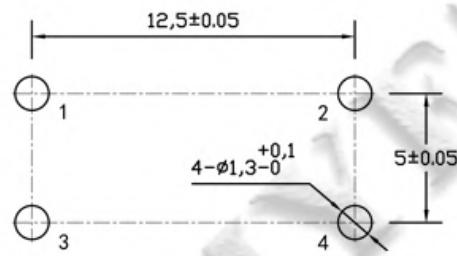
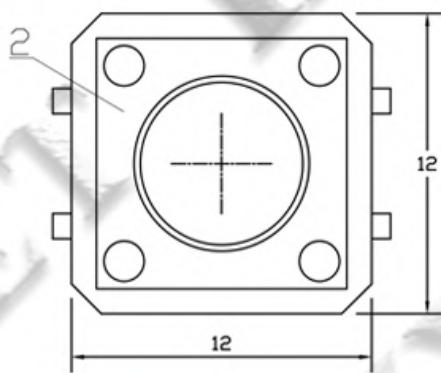
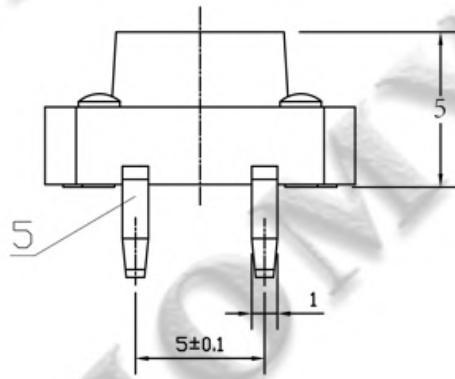
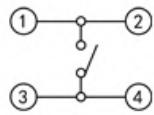
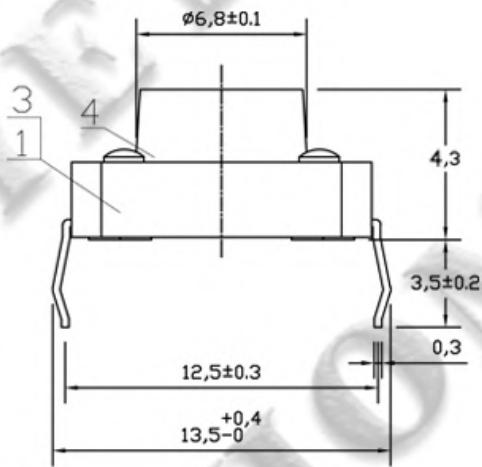
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1103F



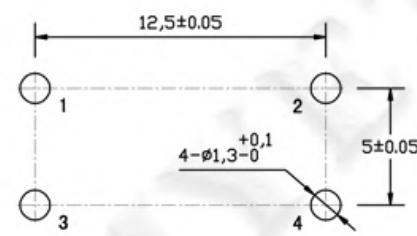
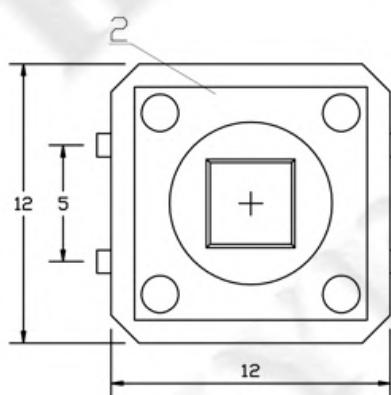
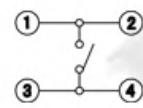
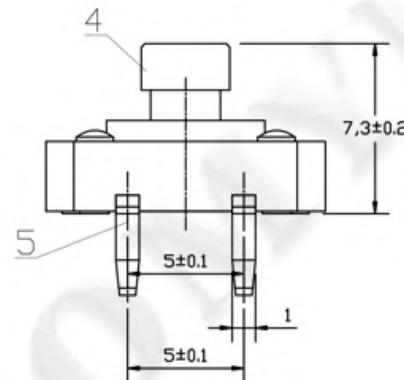
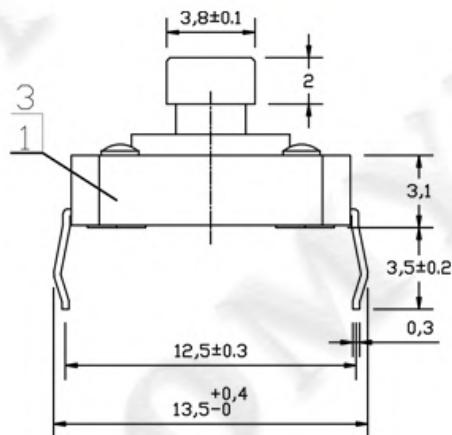
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1103-H5



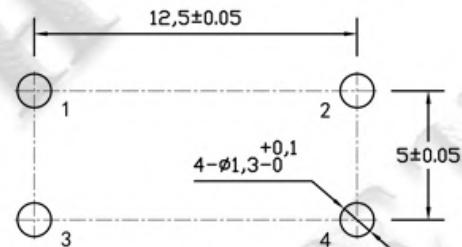
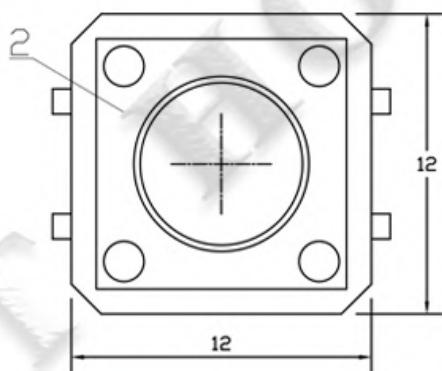
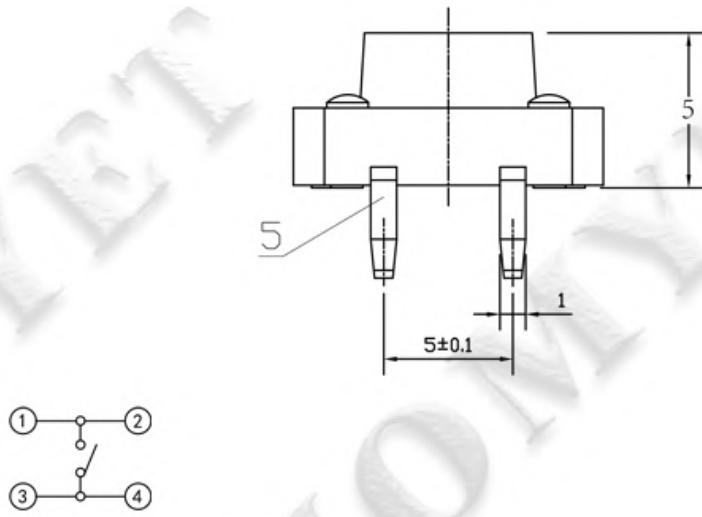
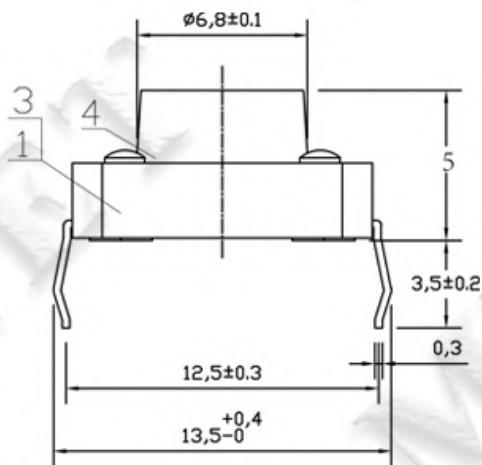
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1103-H16



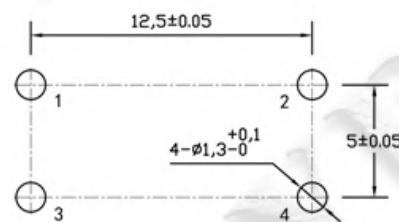
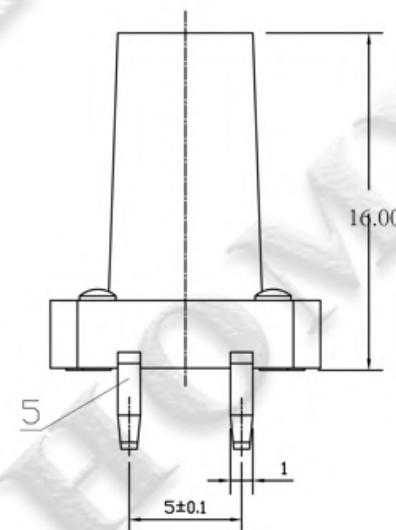
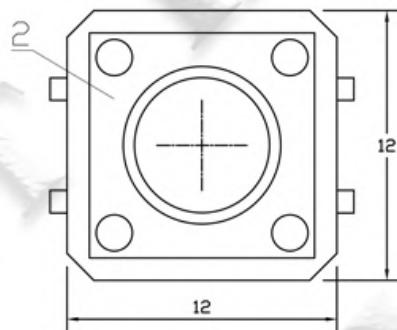
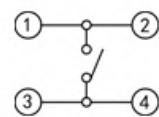
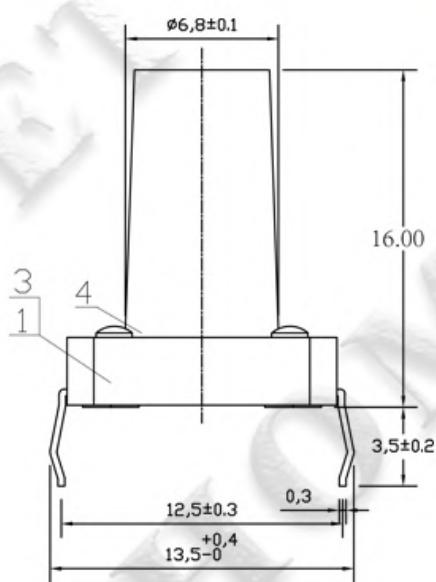
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

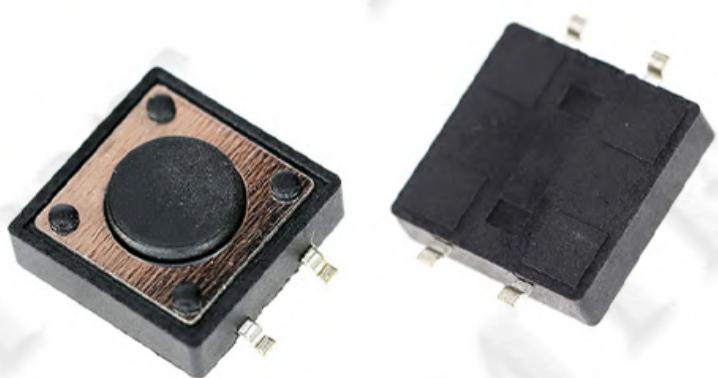
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HY-1103S



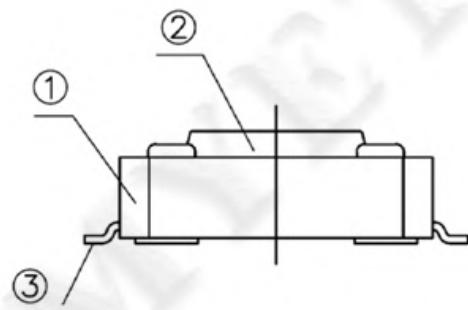
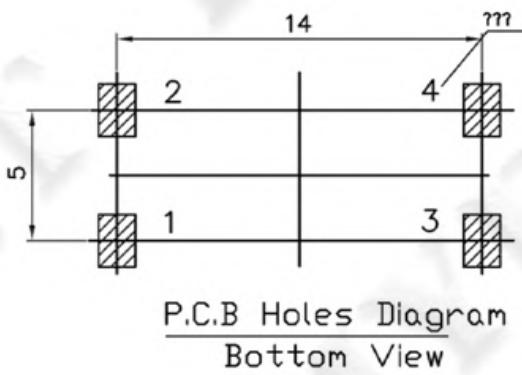
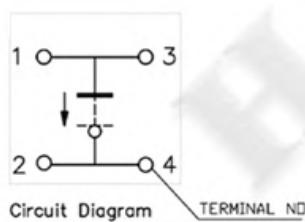
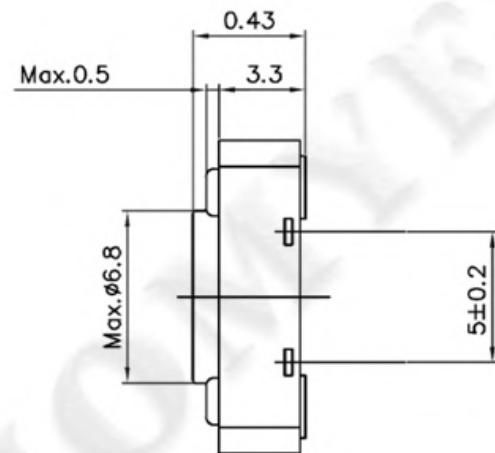
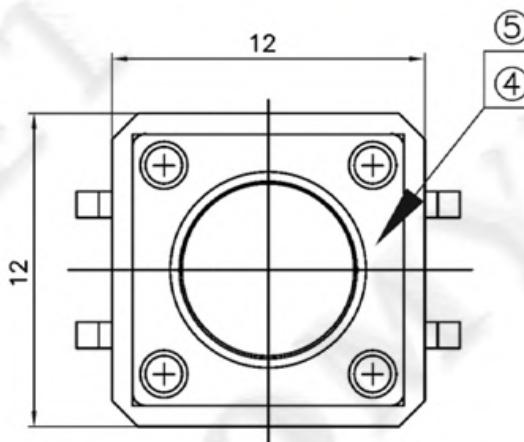
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1103T



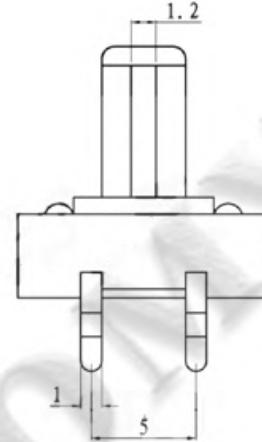
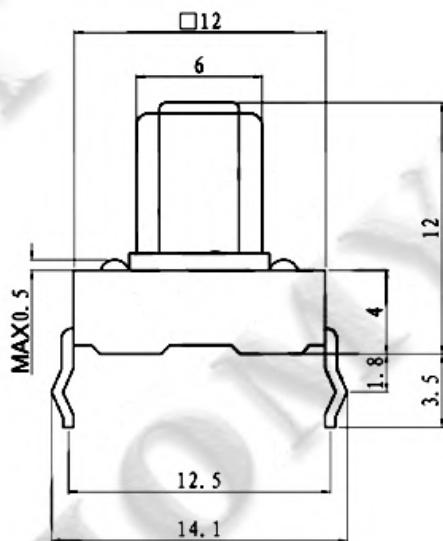
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000

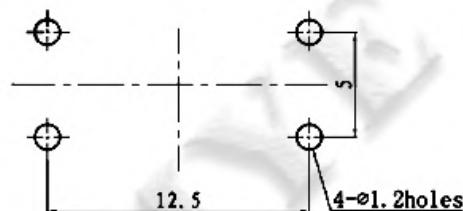
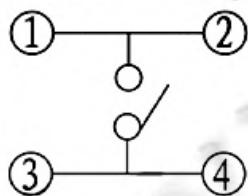


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



HY-1103TE



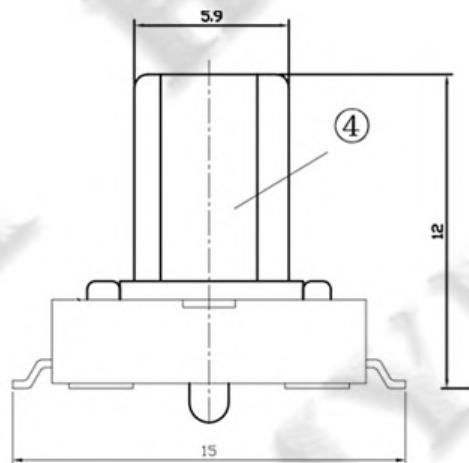
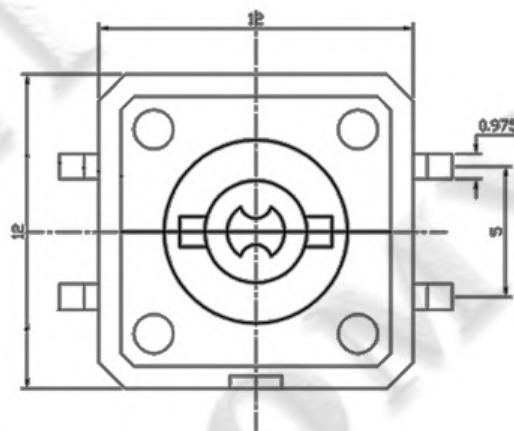
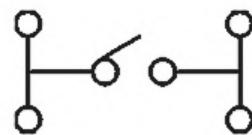
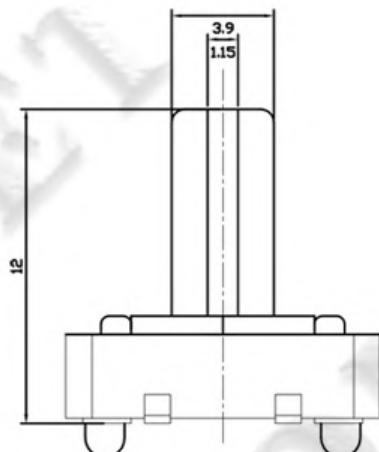
SPECIFICATIONS

Rated Input Current	0.1A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 0.03\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	260g \pm 30g
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1109



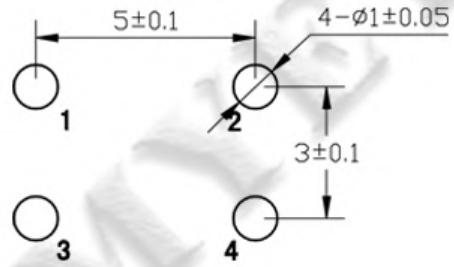
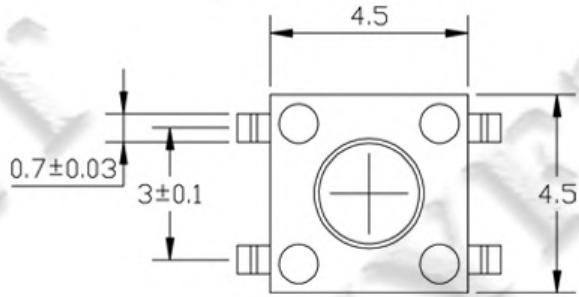
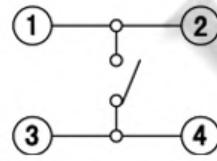
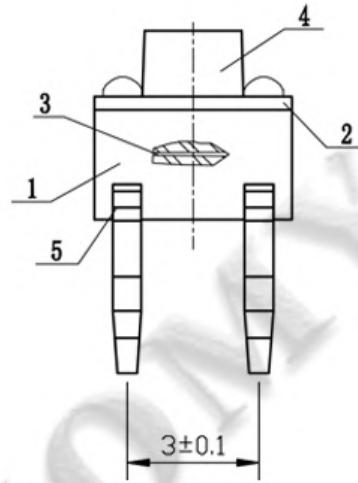
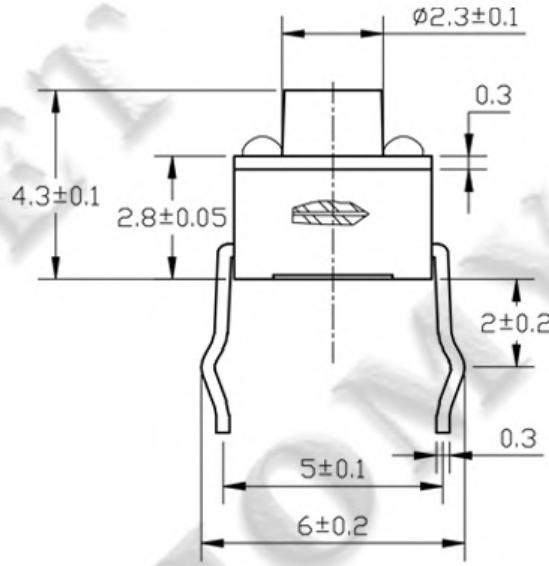
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1109S



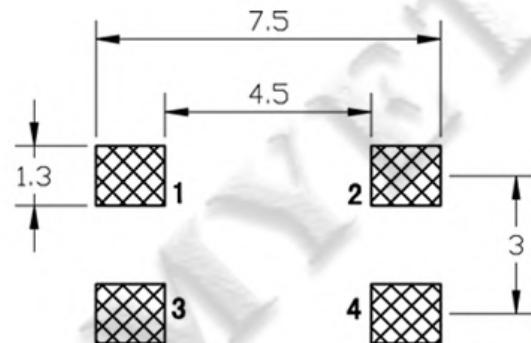
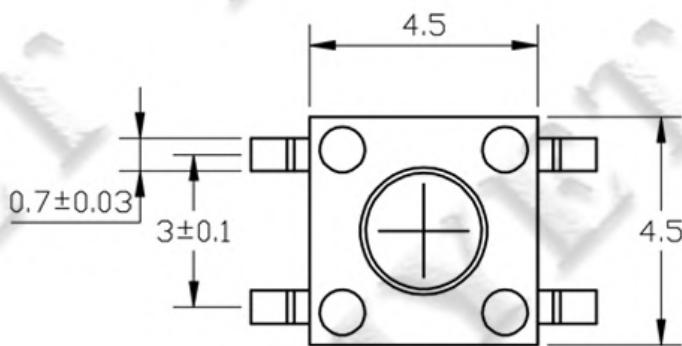
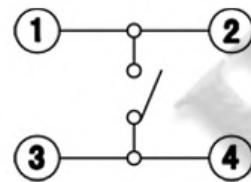
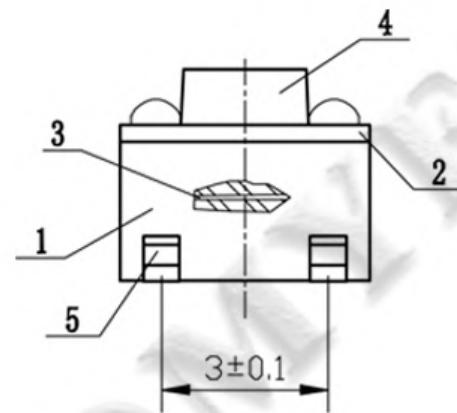
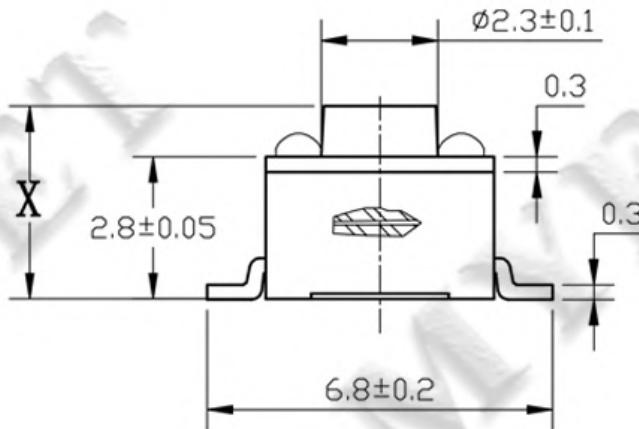
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



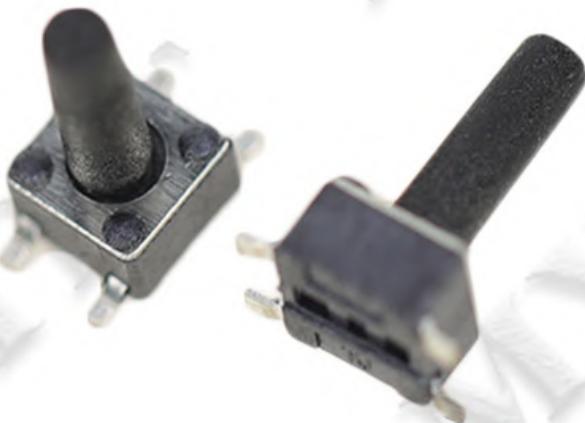
TACT SWITCH

HY-1109S-H10



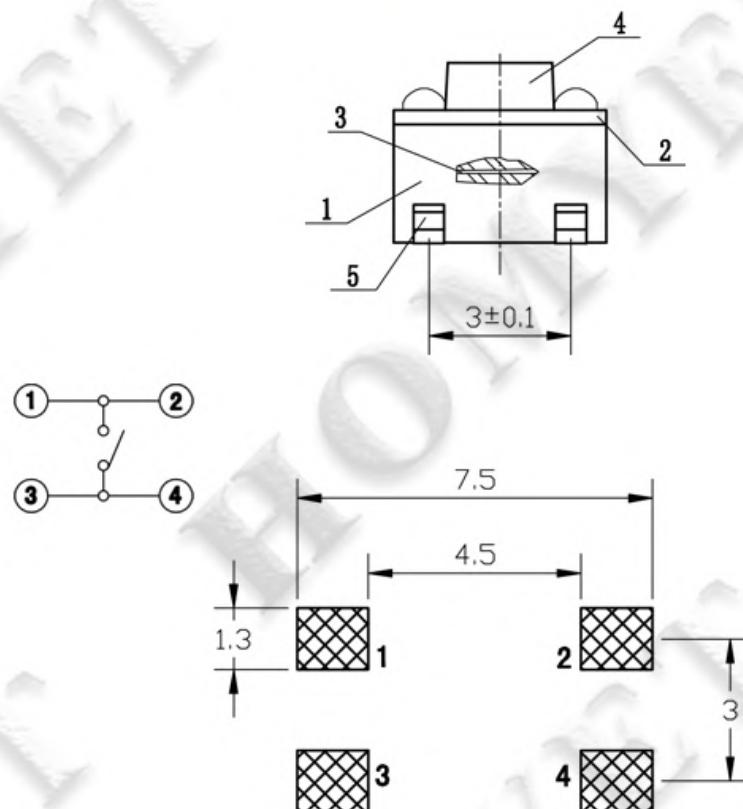
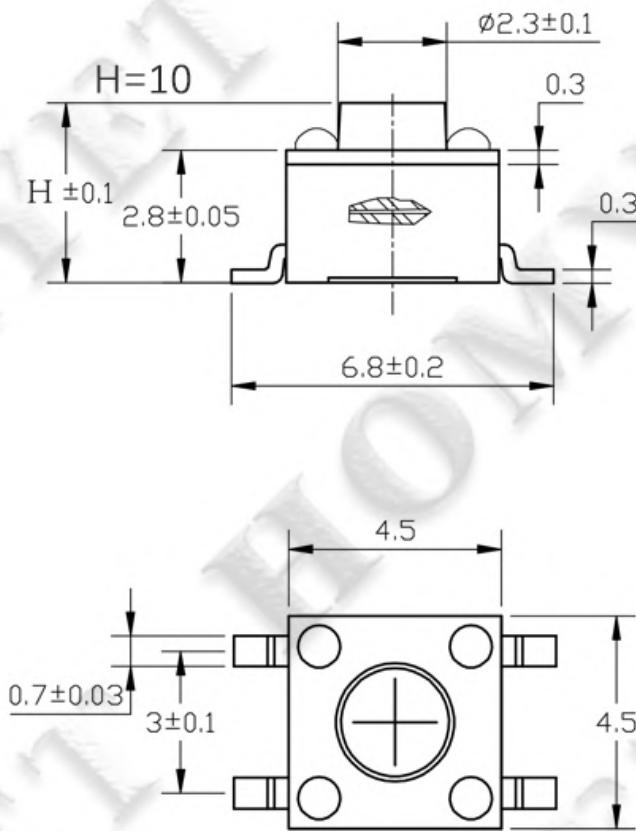
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	250 \pm 50gf
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1109V2



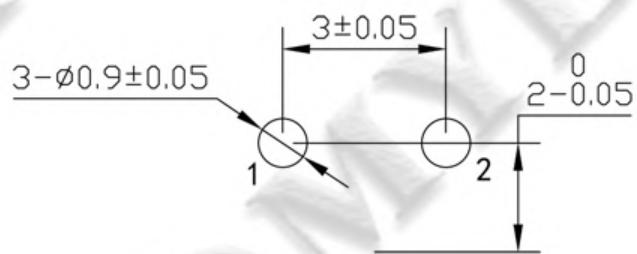
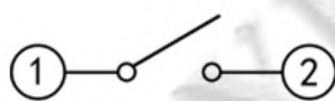
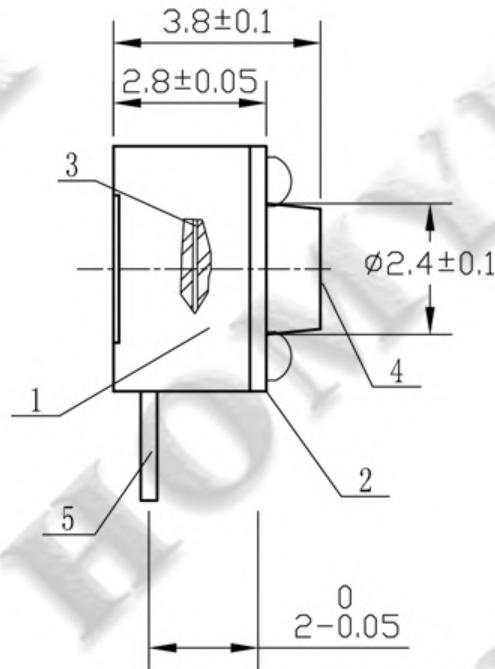
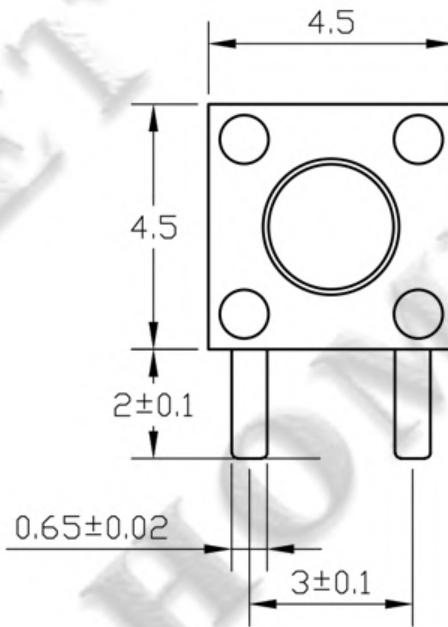
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

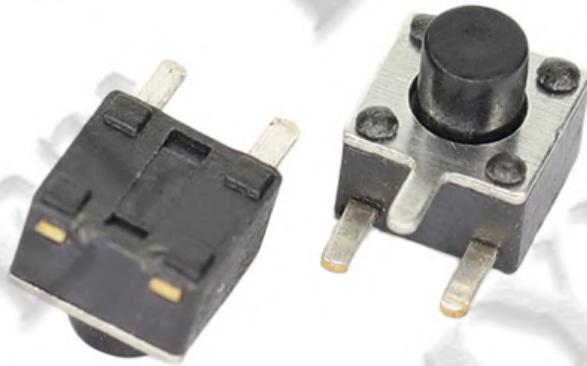


HY-1109V3



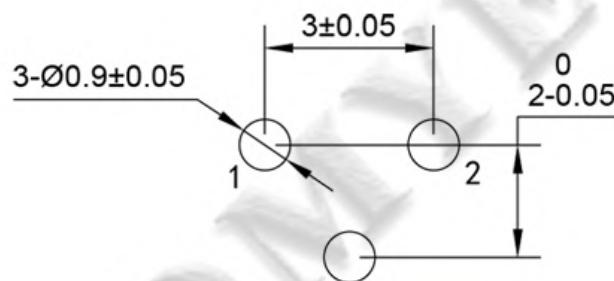
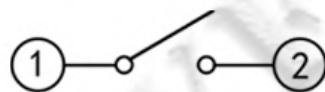
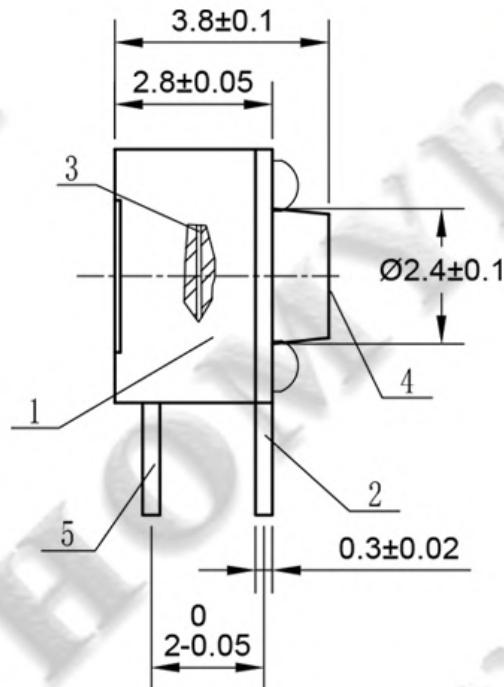
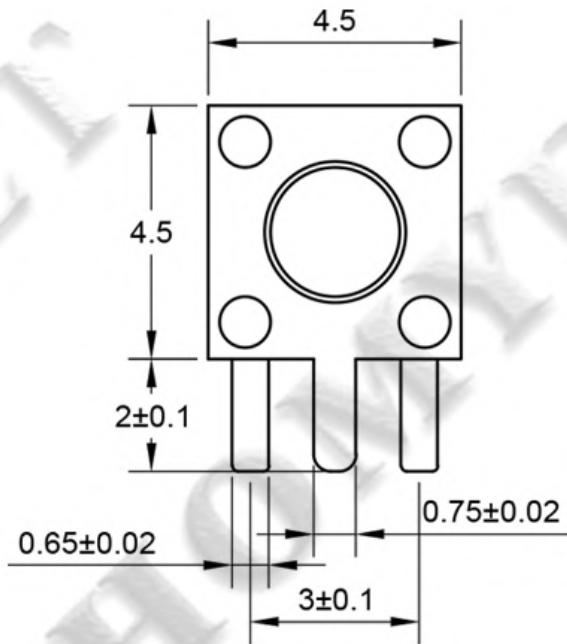
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1113F



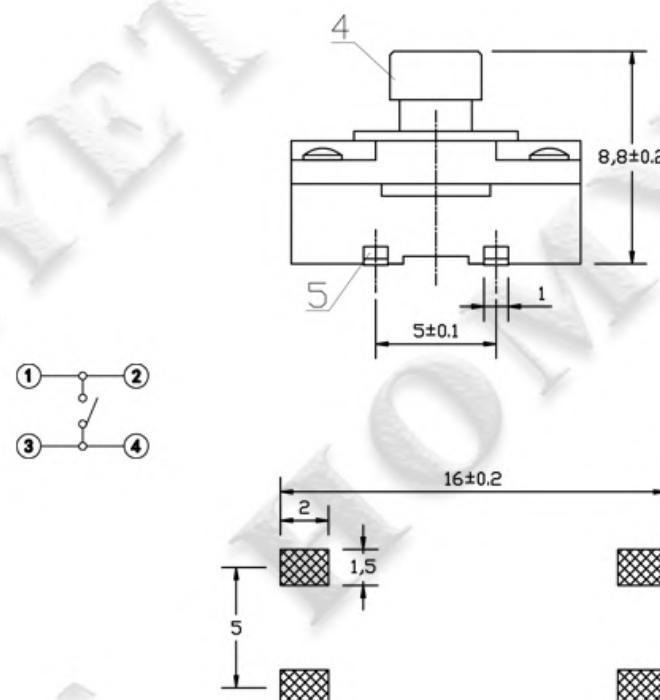
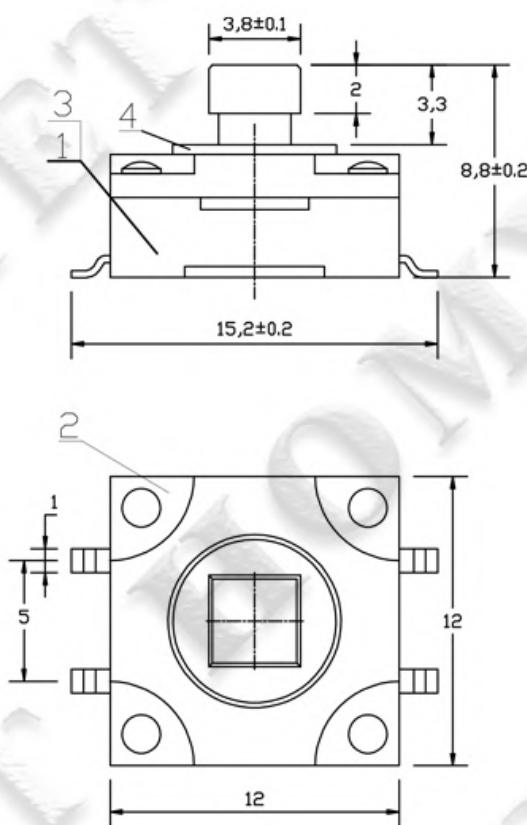
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

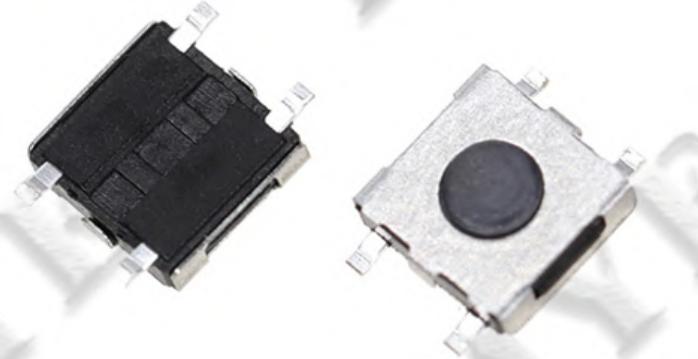


HY-1156



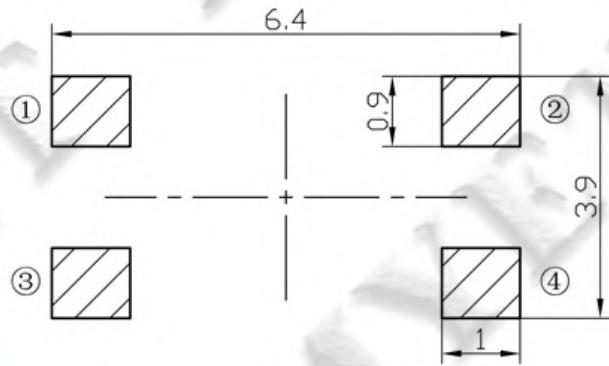
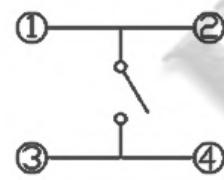
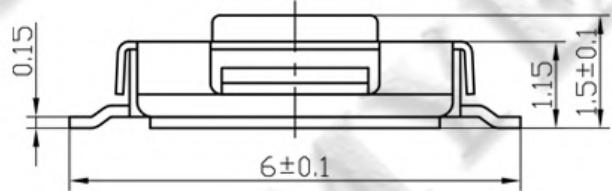
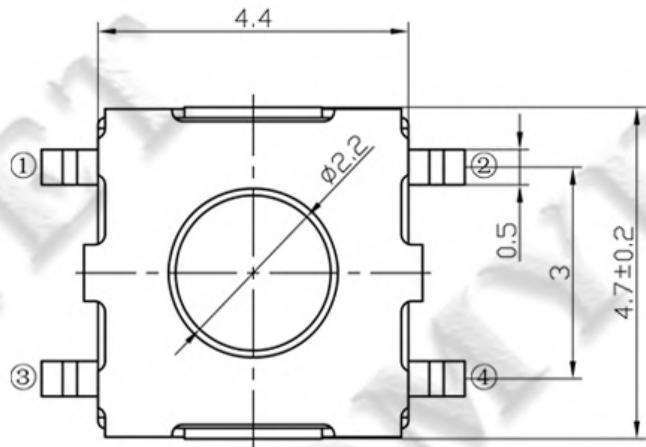
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 200 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

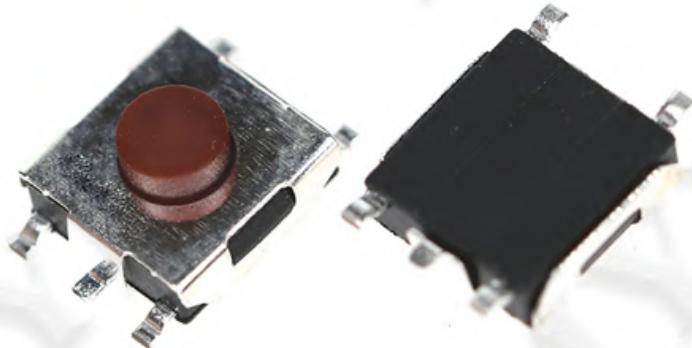


HY-1157-5H3.8



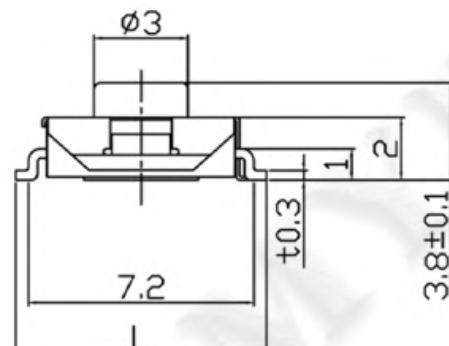
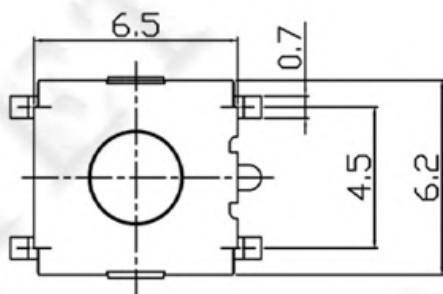
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	50,000

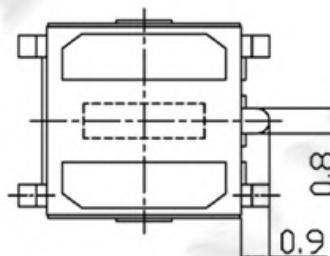
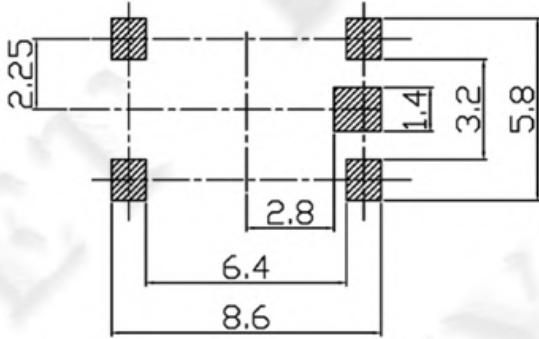
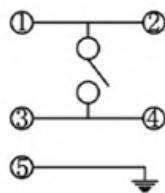


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B. Land pattern

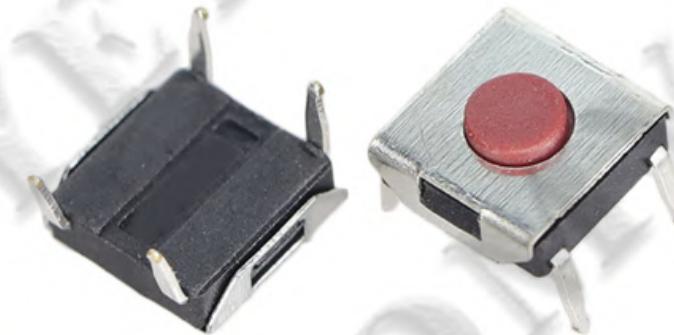
(ALL TOLERANCE=±0.05)

HY-1157D



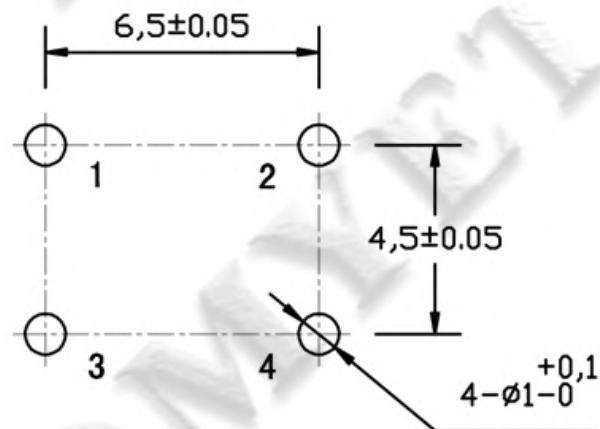
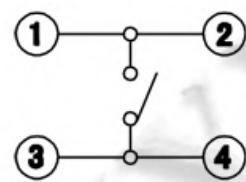
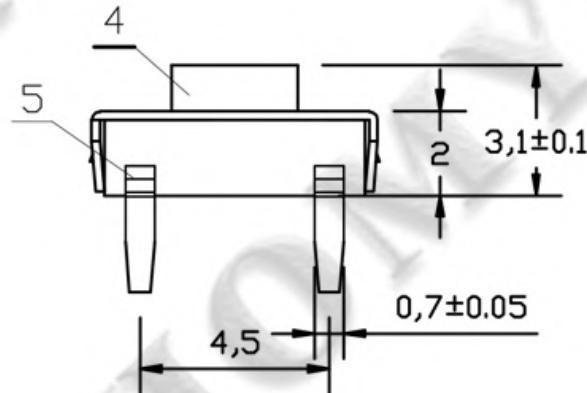
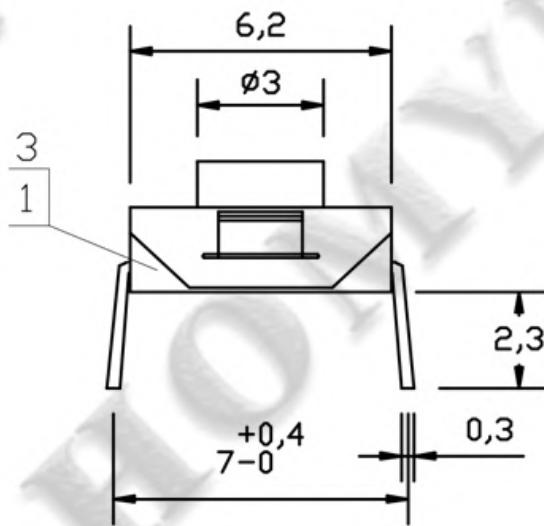
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

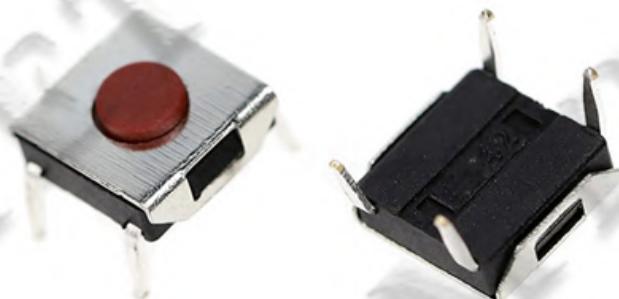
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HY-1157D-H3.1



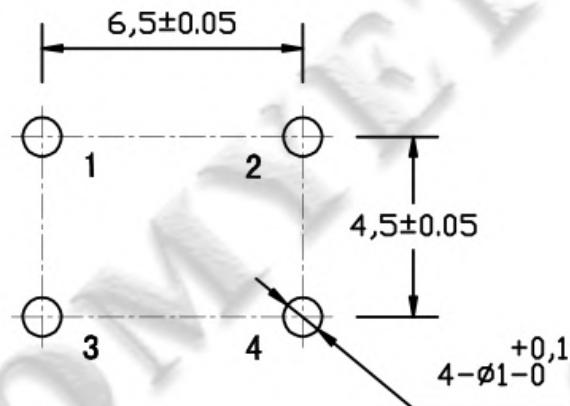
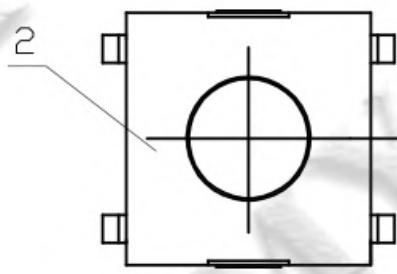
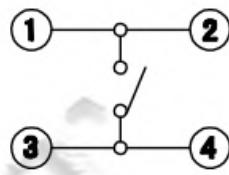
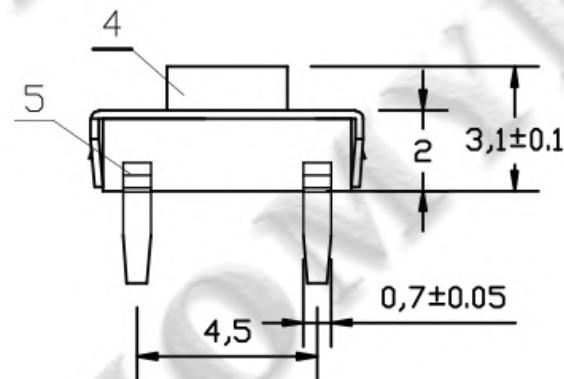
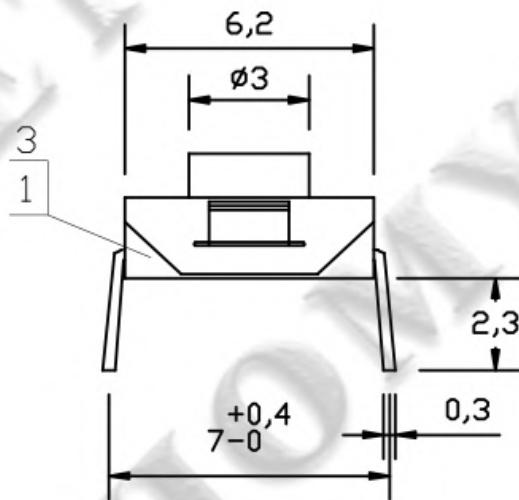
SPECIFICATIONS

Rated Input Current	25mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

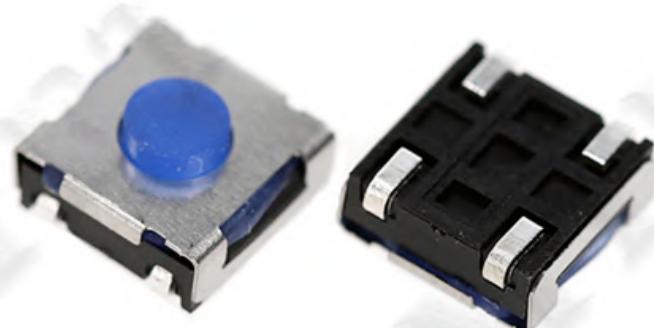


HY-1157G



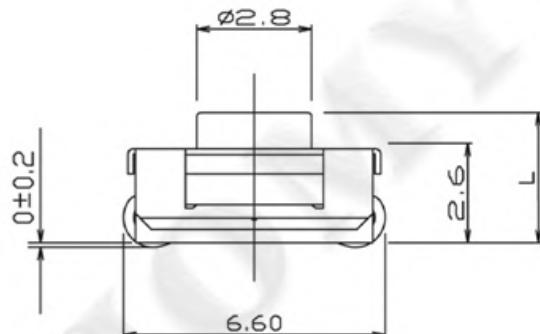
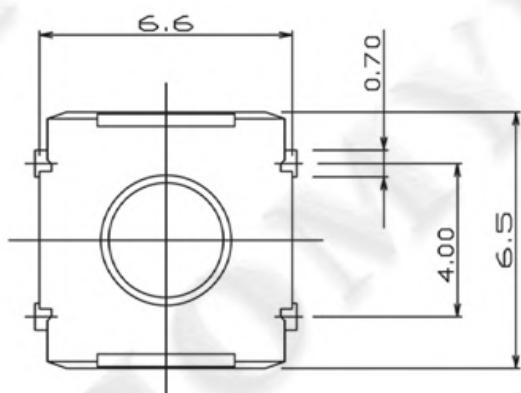
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000

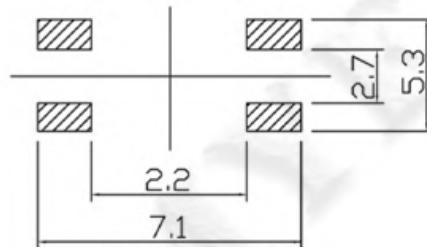
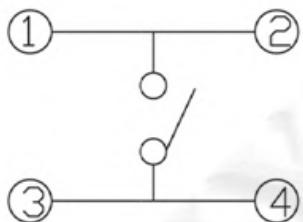


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



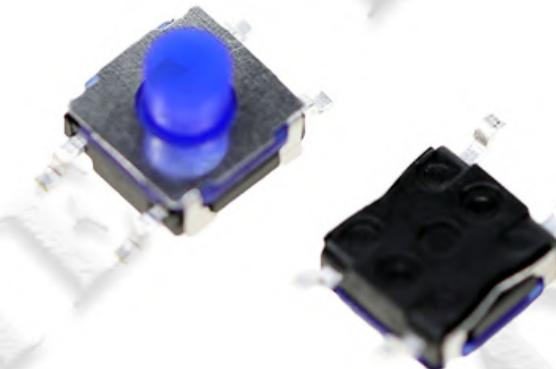
TACT SWITCH

HY-1157GS-G5



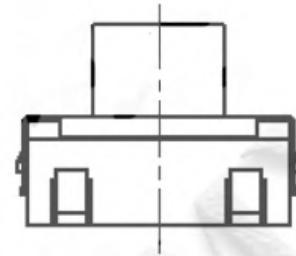
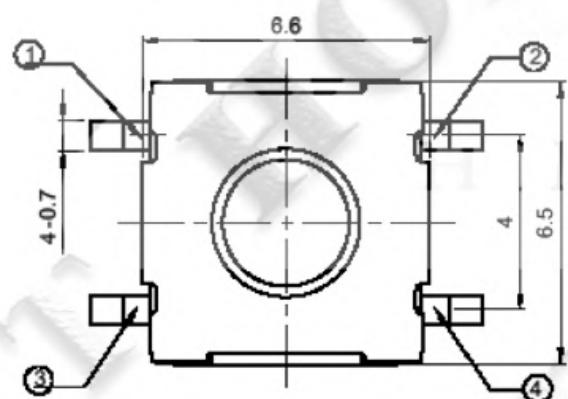
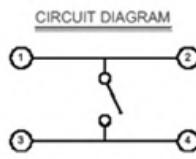
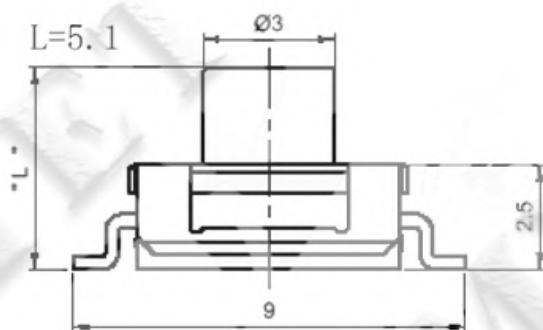
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	160/220/400gf $\pm 80\text{gf}$
Full Travel	$0.25\pm 0.1\text{mm}$
Operation life	160/220gf:100,000 400gf:50,000

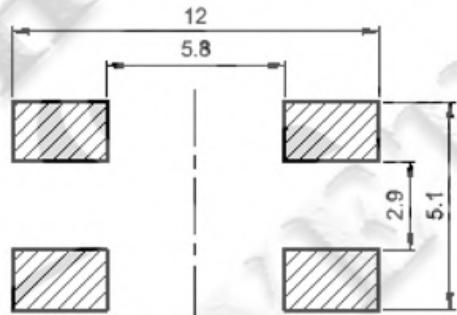


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



SMD REFLOW PATTERN (NS : ± 0.1)



HY-1157-H3.1



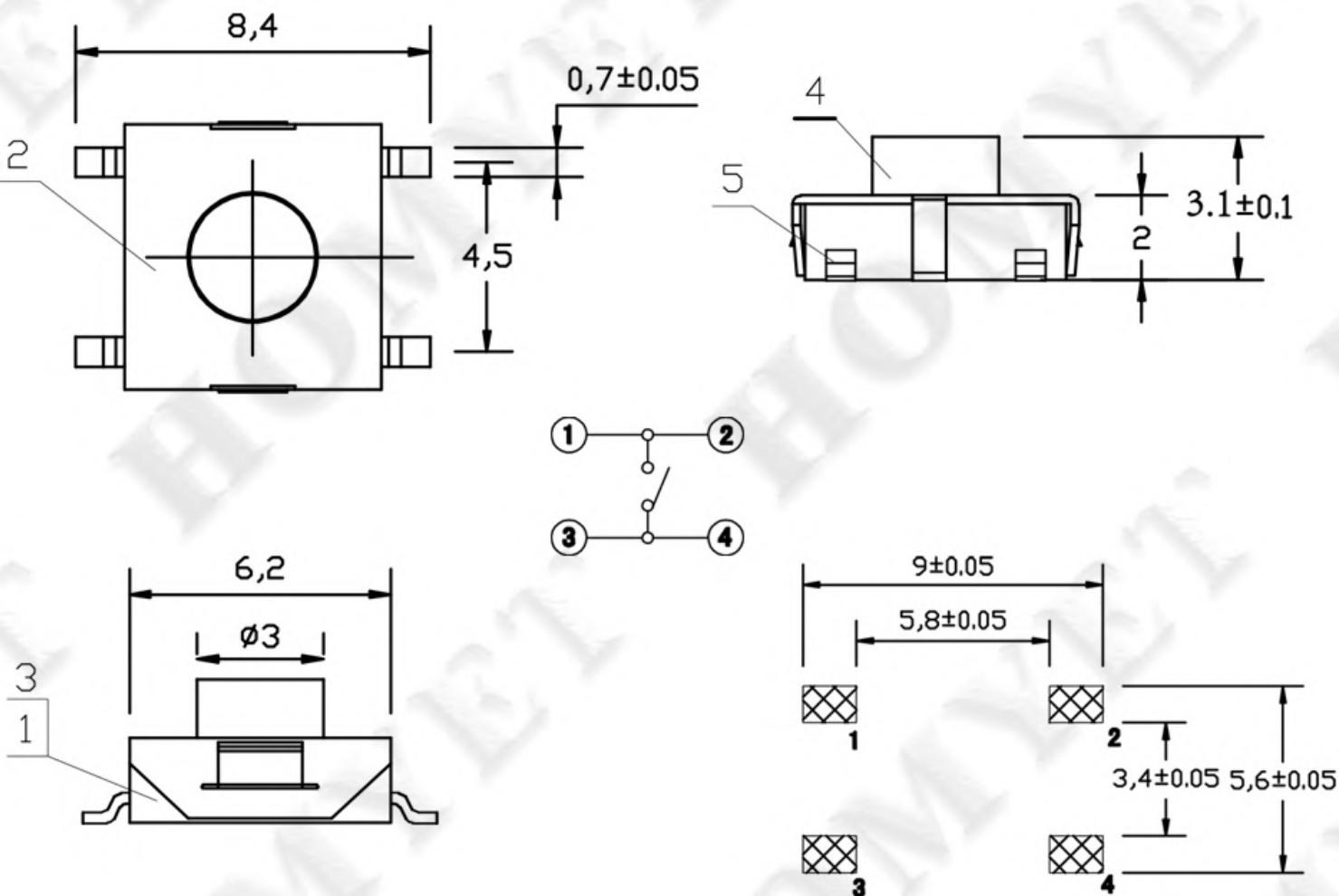
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

HY-1159G

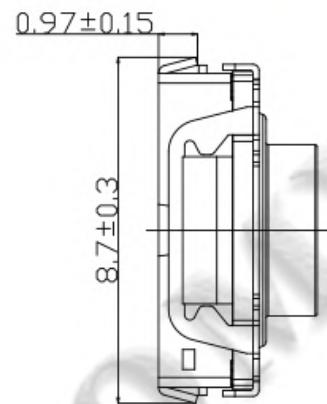
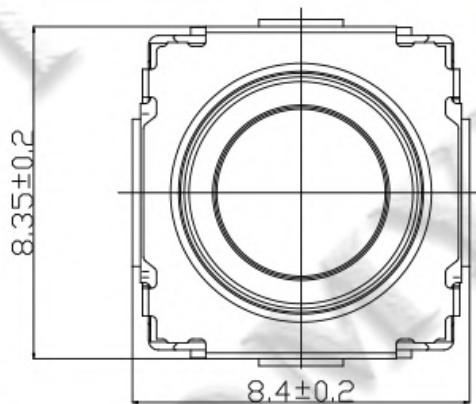
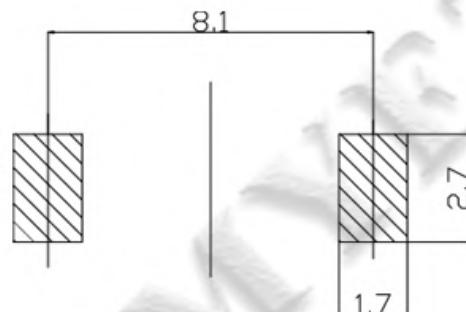
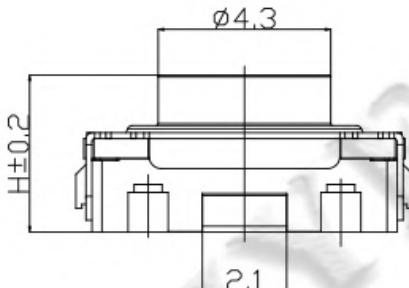
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 16 V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$400\pm 80\text{gf}$
Operation life	500,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

CIRCUIT DIAGRAM

TACT SWITCH

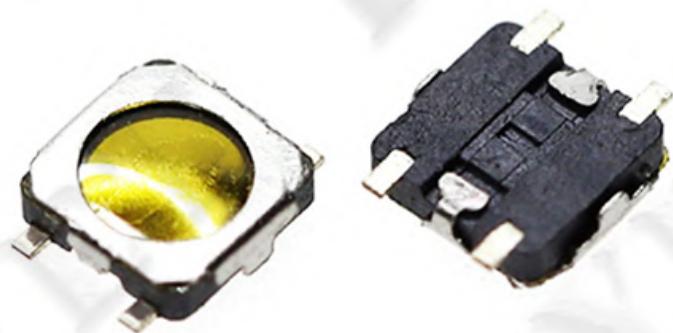
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HY-1177N



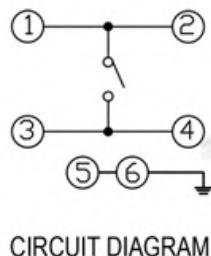
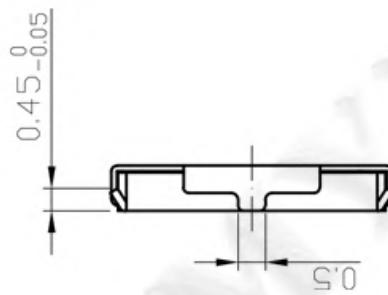
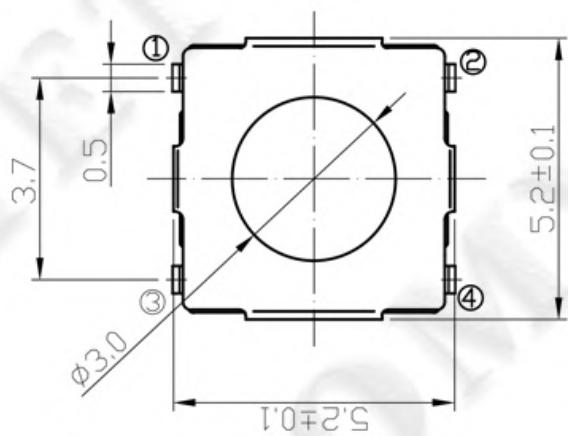
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	200,000

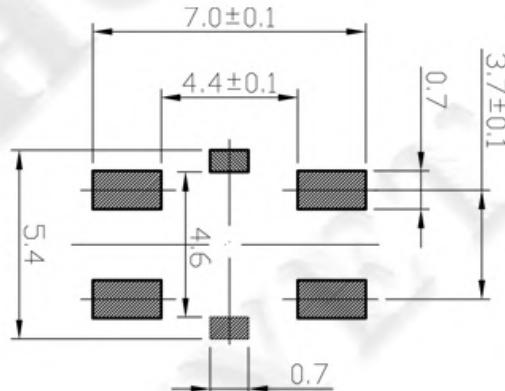
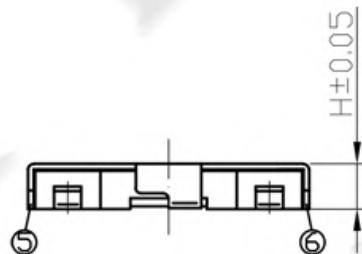


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P.C.B LAND DIMENSION

TACT SWITCH

HY-1181



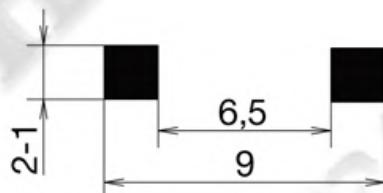
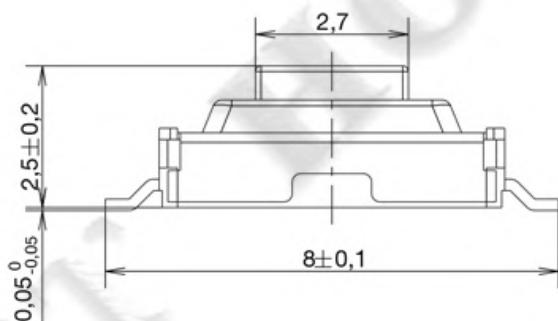
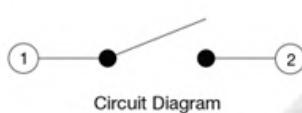
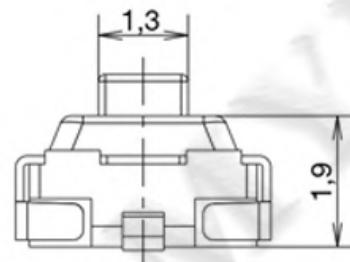
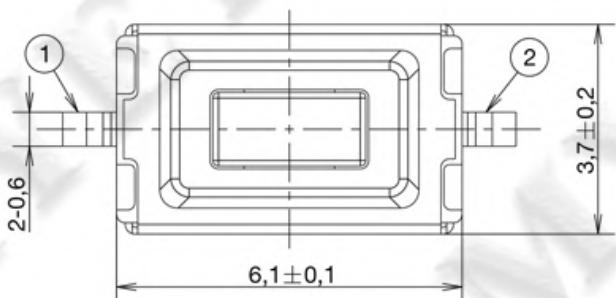
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120\pm 50\text{gf}$
Full Travel	$0.15\pm 0.05\text{mm}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB LAND DIMENSION

TACT SWITCH

HY-1181P



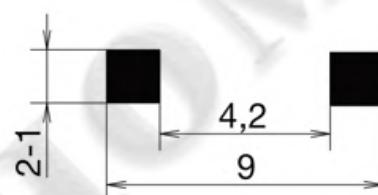
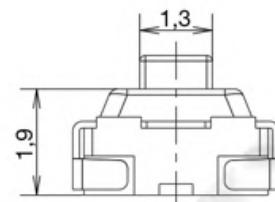
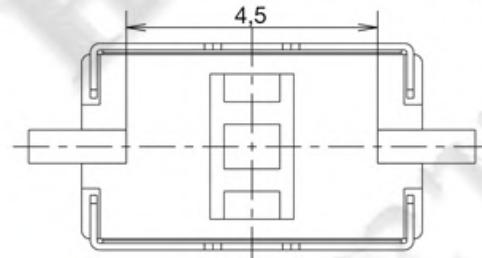
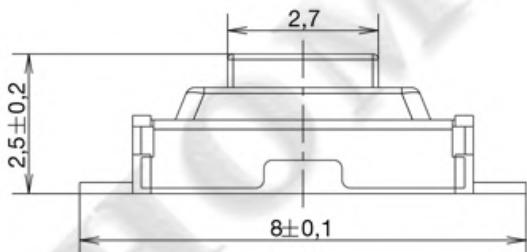
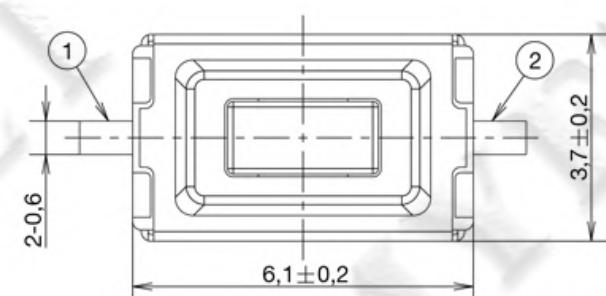
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120 \pm 50\text{gf}$
Full Travel	$0.15 \pm 0.05\text{mm}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB LAND DIMENSION



Circuit Diagram

TACT SWITCH

HY-1181U



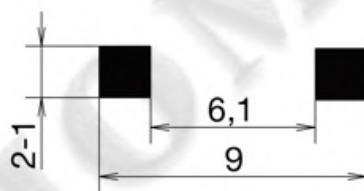
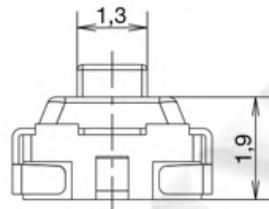
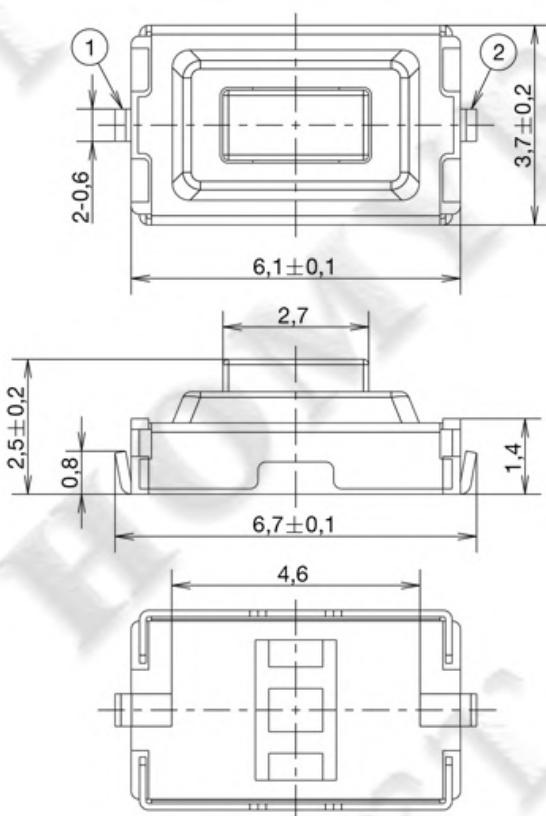
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$120\pm 50\text{gf}$
Full Travel	$0.15\pm 0.05\text{mm}$
Operation life	50,000

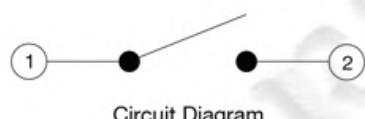


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PCB LAND DIMENSION



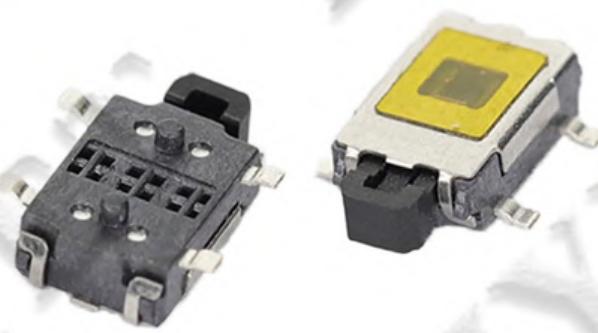
Circuit Diagram

HY-1184E



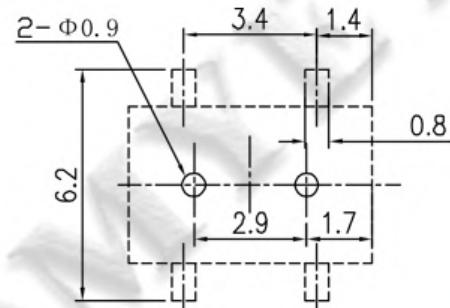
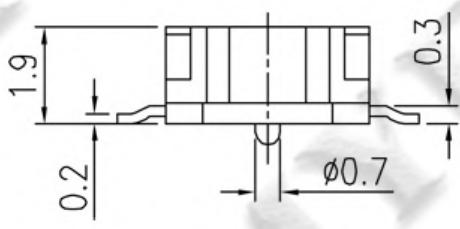
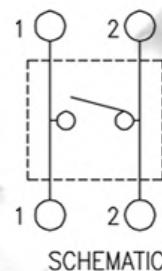
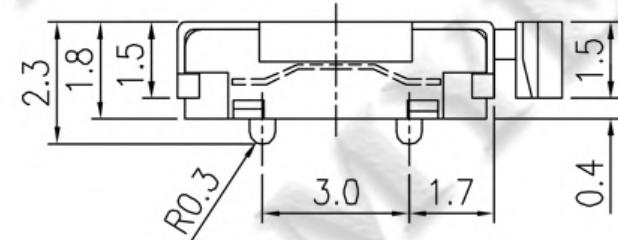
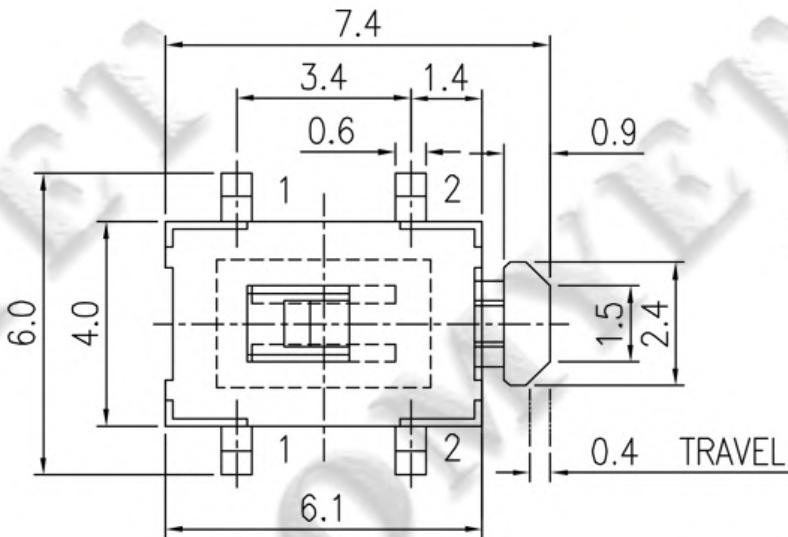
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



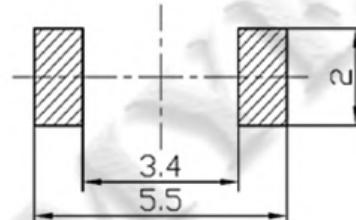
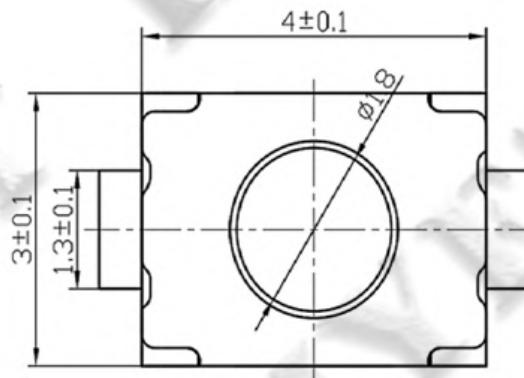
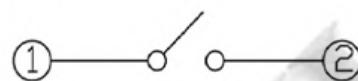
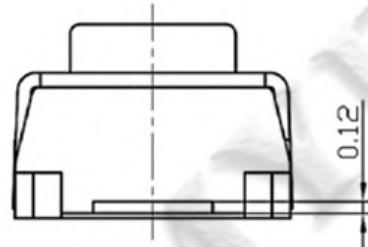
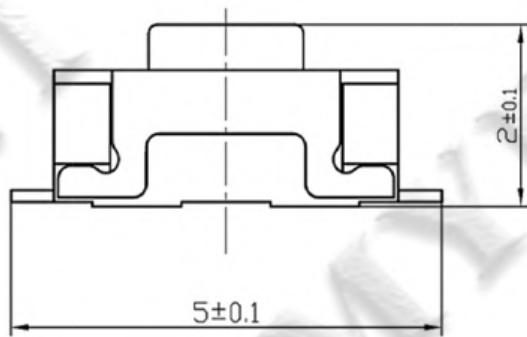
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

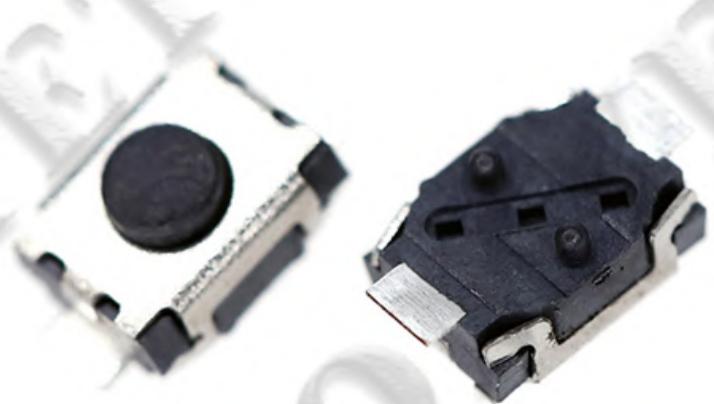


HY-1185E



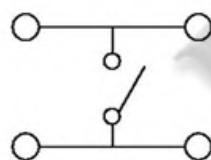
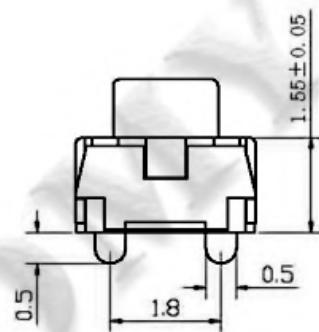
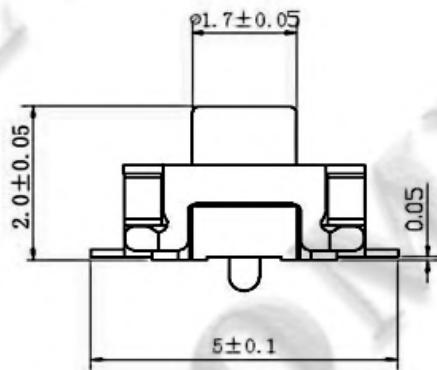
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160\pm 30\text{gf}/250\pm 50\text{gf}$
Operation life	100,000

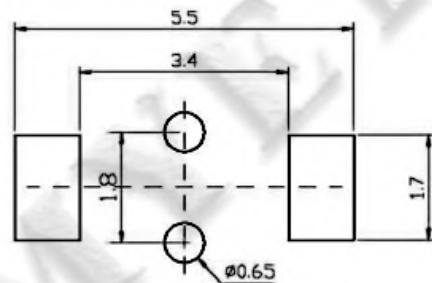
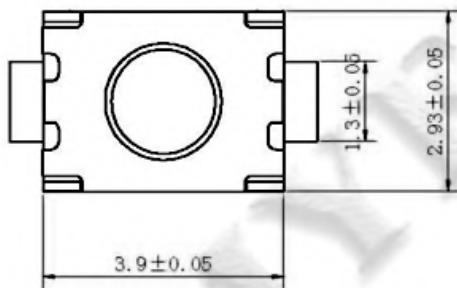


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B. Land Pattern

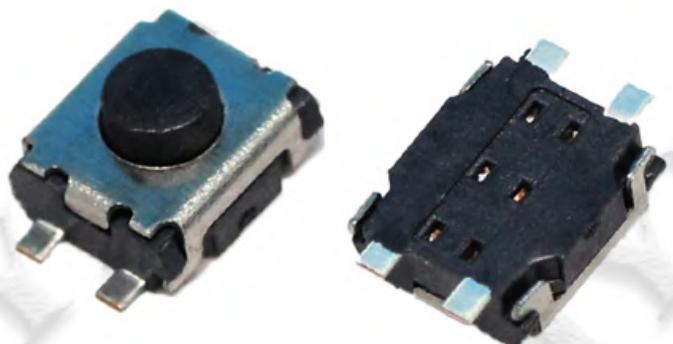
TACT SWITCH

HY-1185P



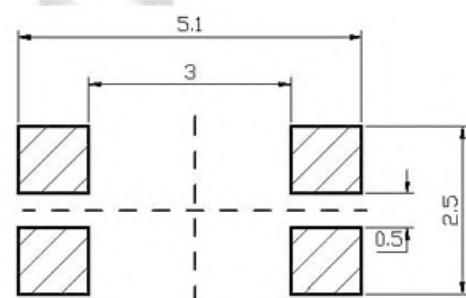
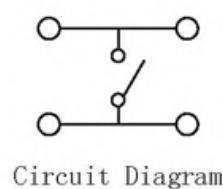
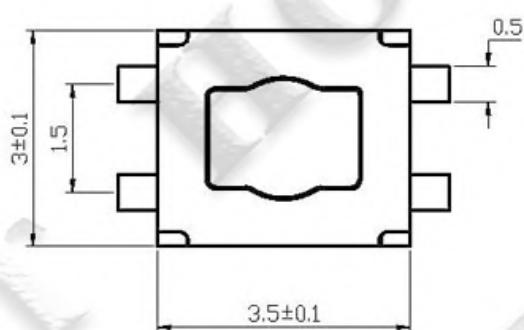
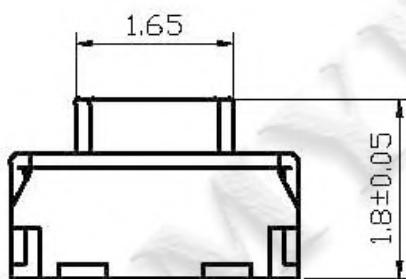
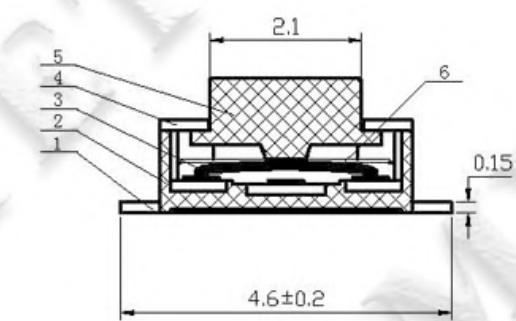
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160\pm 30\text{gf}/250\pm 50\text{gf}$
Full Travel	$0.15\pm 0.05\text{mm}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B. Land Pattern

TACT SWITCH

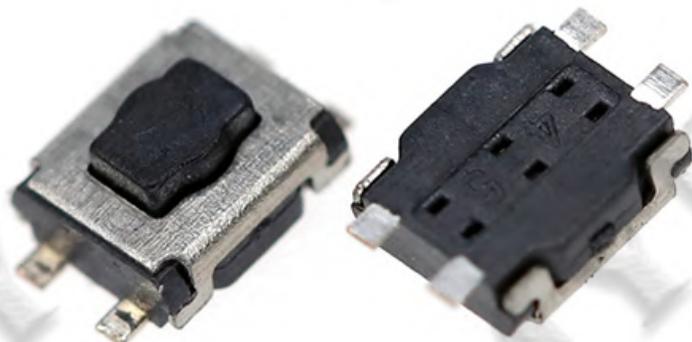
 HOMYET

HY-1185PM



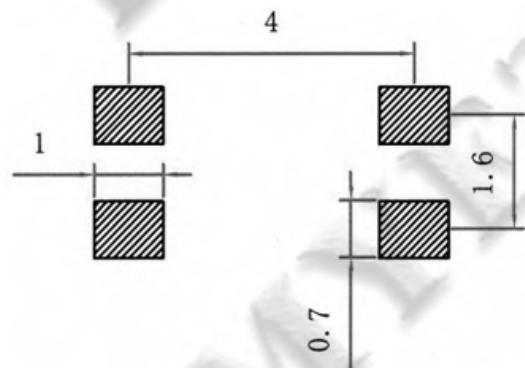
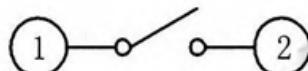
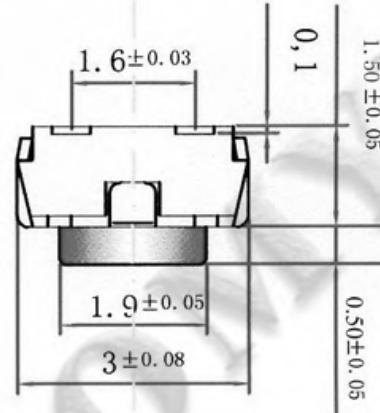
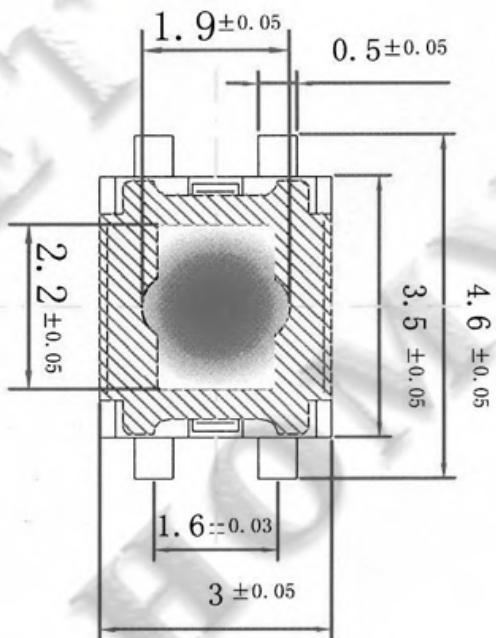
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12 V
Contact Resistance	$\leq 40 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

 HOMYET

HY-1185PM-H2.5



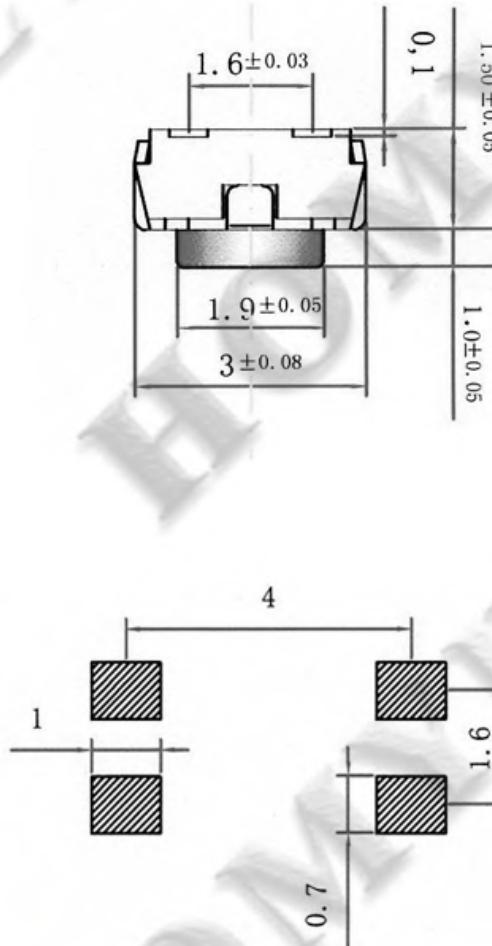
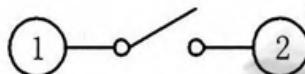
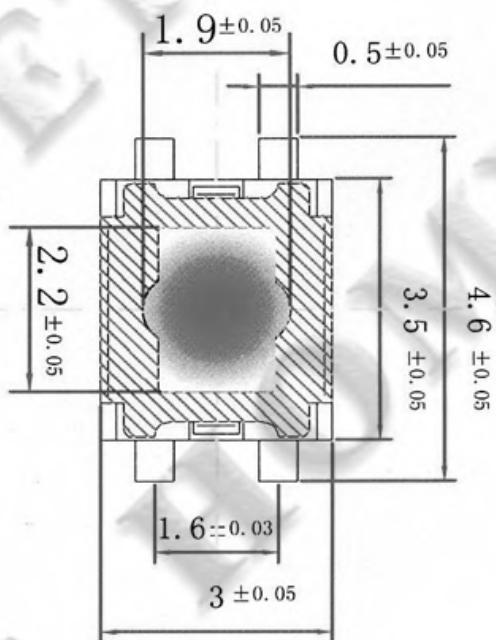
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12 V
Contact Resistance	$\leq 40 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

 **HOMYET**

HY-1185U



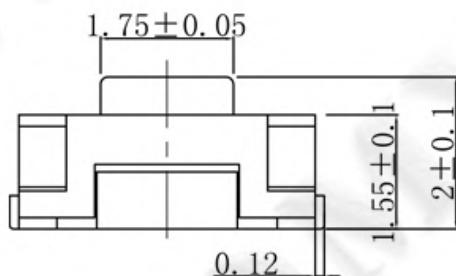
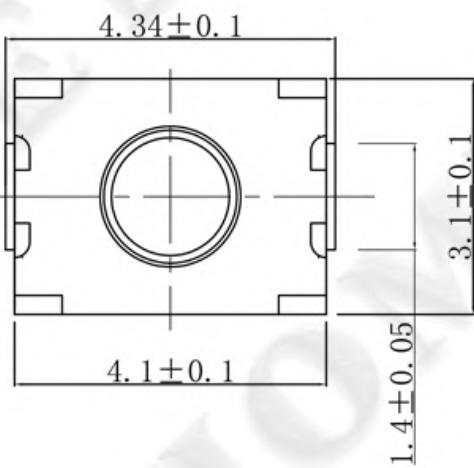
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	180/250 \pm 30gf
Operation life	50,000

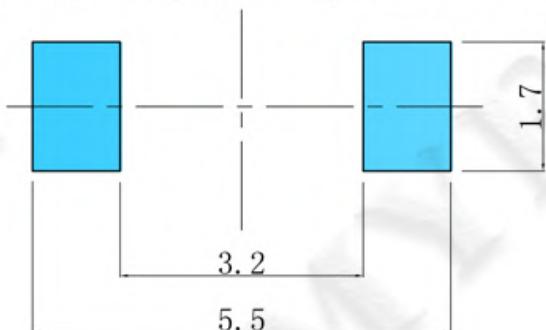


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B. Land pattern



Circuit Diagram

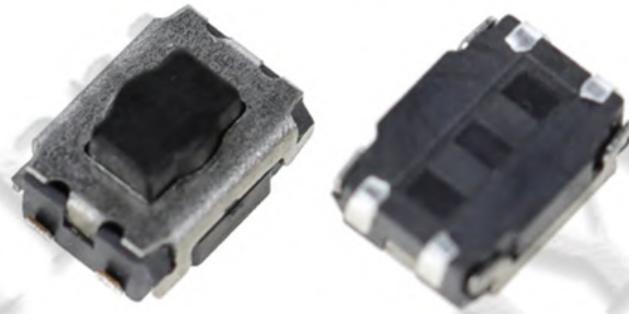


HY-1185UPM



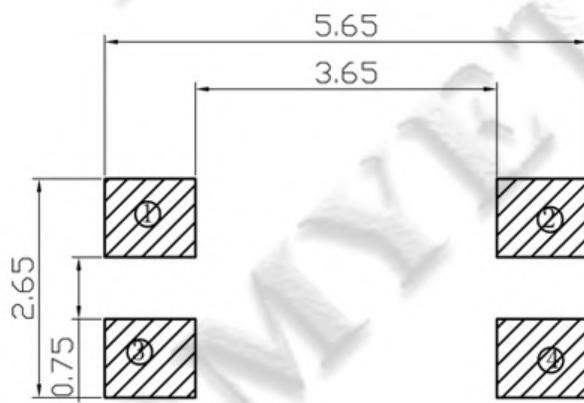
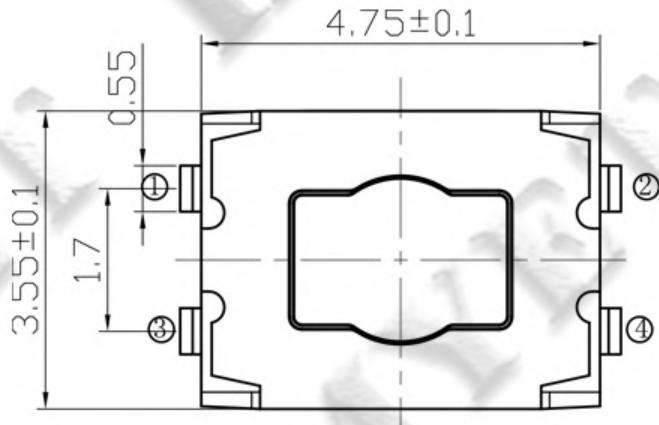
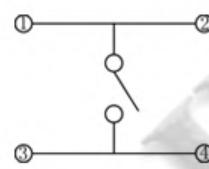
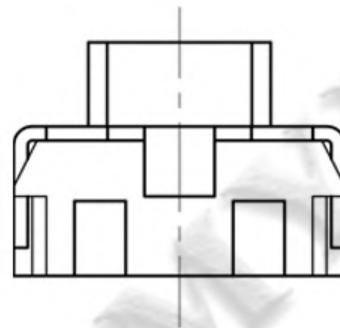
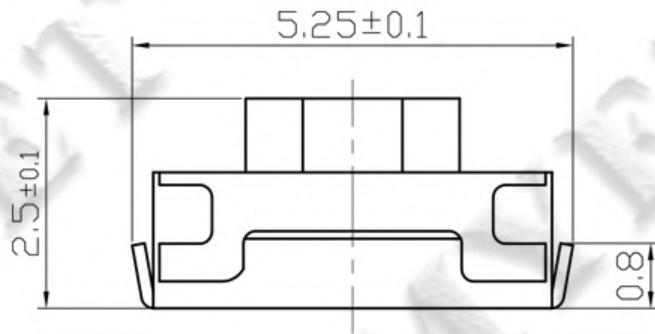
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1186E



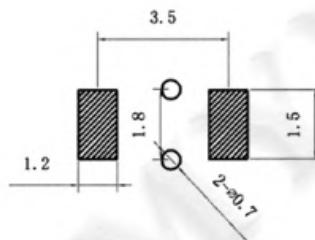
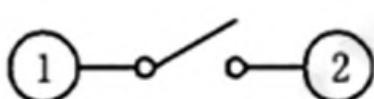
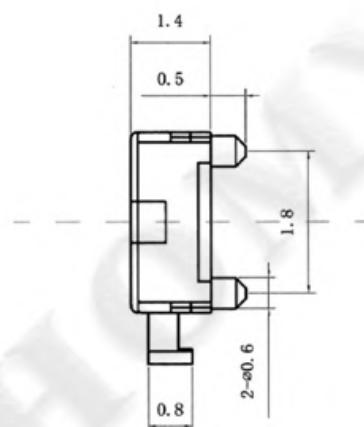
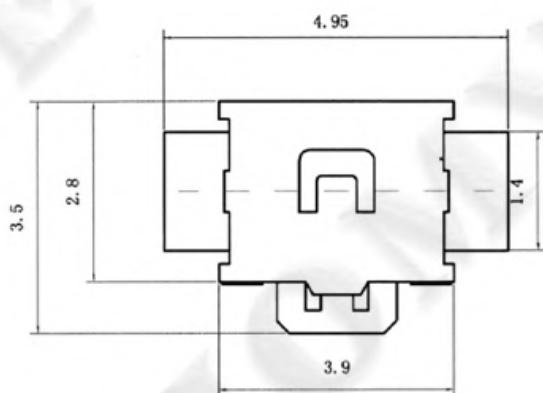
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 0.03\Omega$
Insulation Resistance	$\geq 100M\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	180/200 \pm 10gf
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

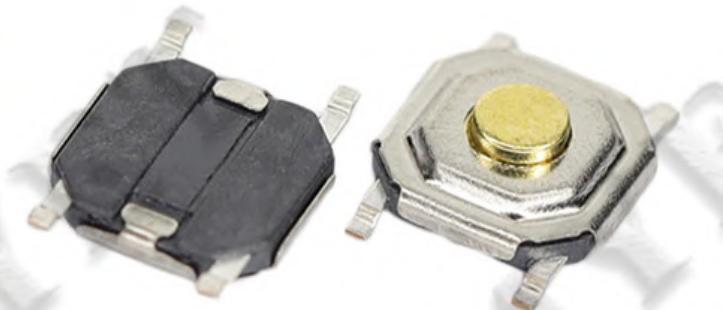


HY-1187



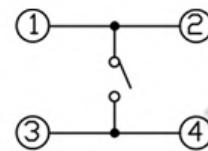
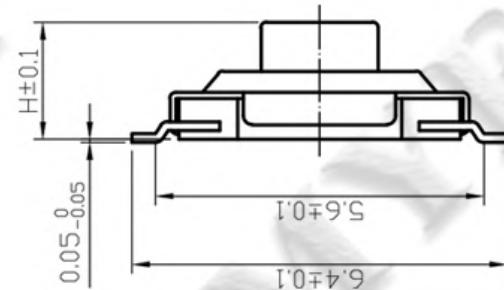
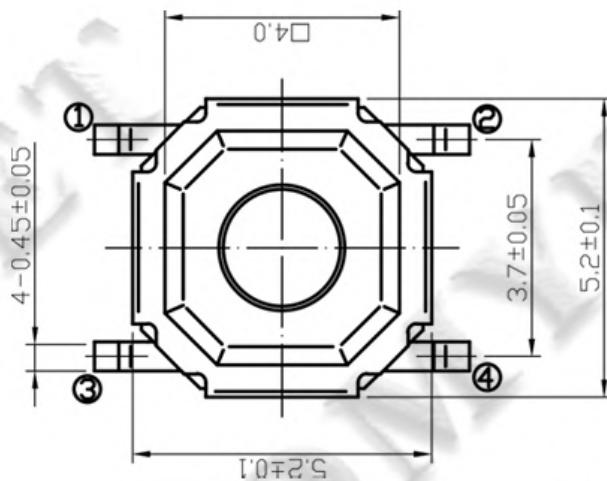
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000

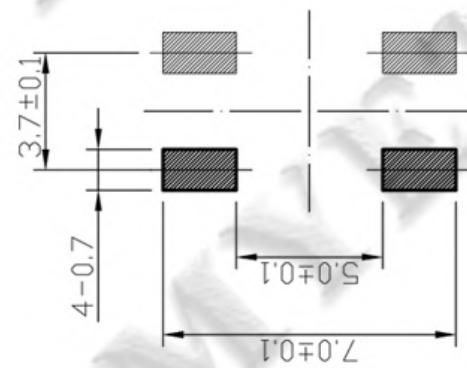
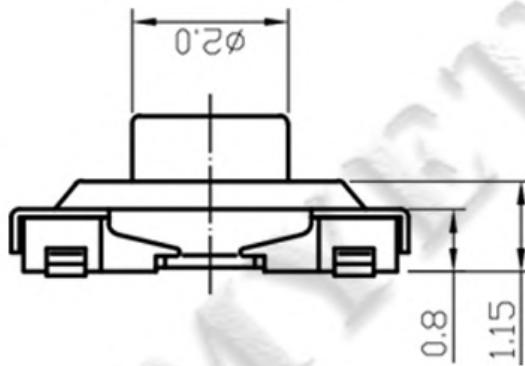


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P.C.B LAND DIMENSION

HY-1187A



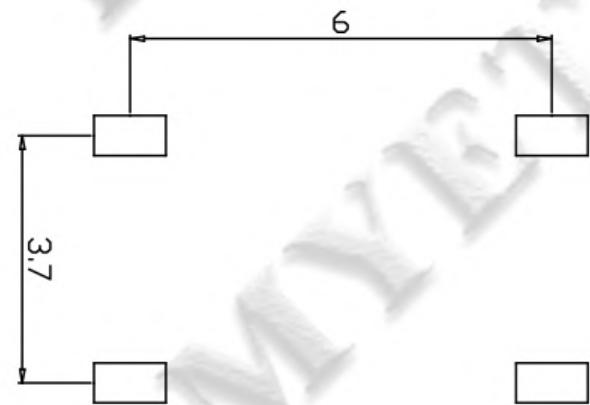
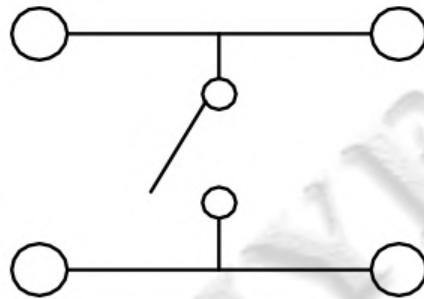
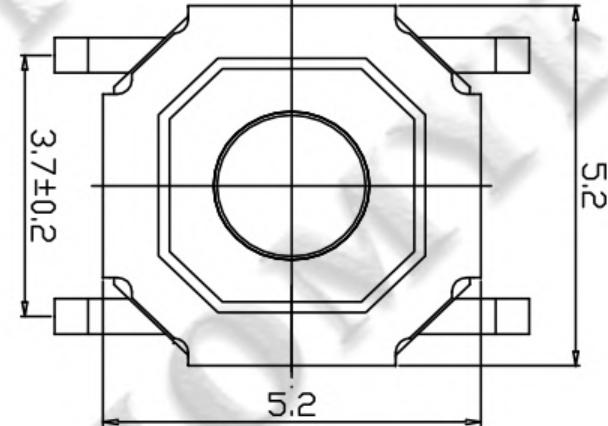
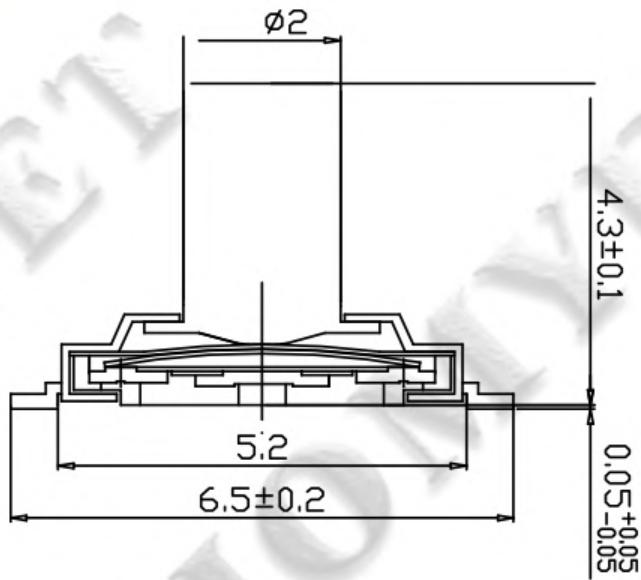
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

 **HOMYET**
www.homyetpart.com

HY-1187UN



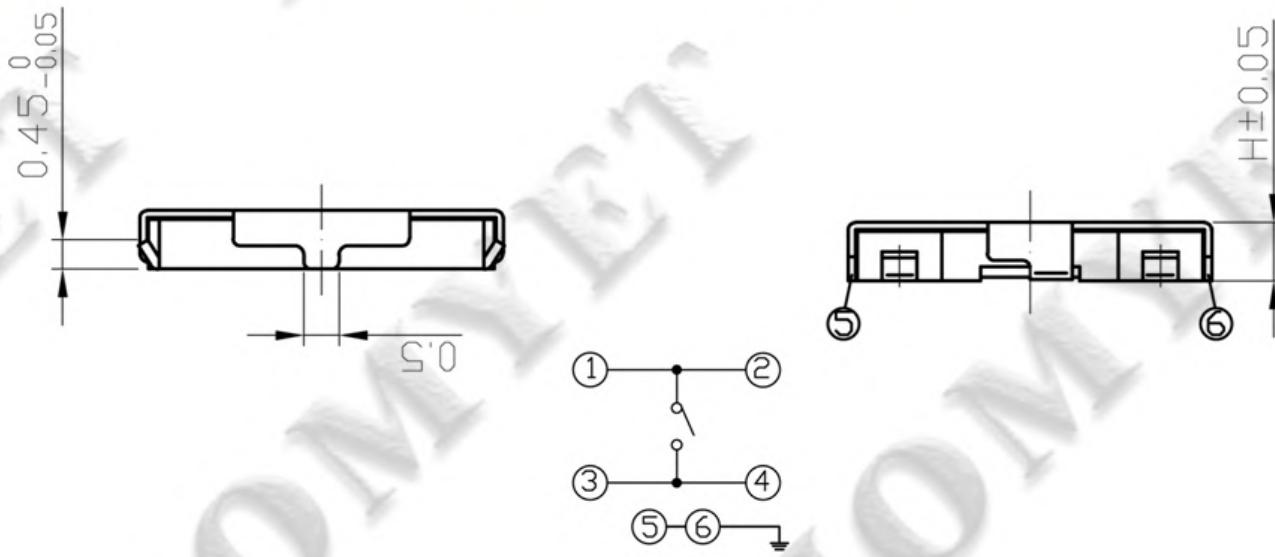
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	200,000

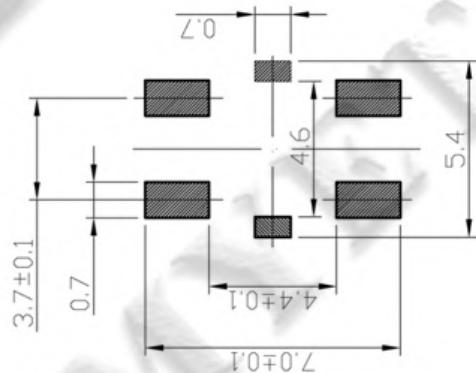
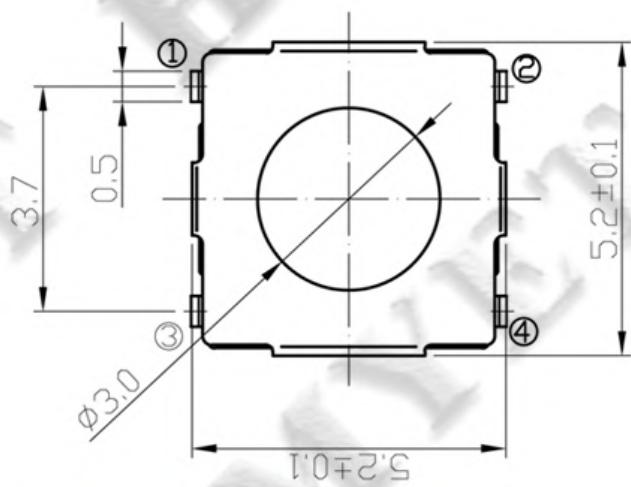


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



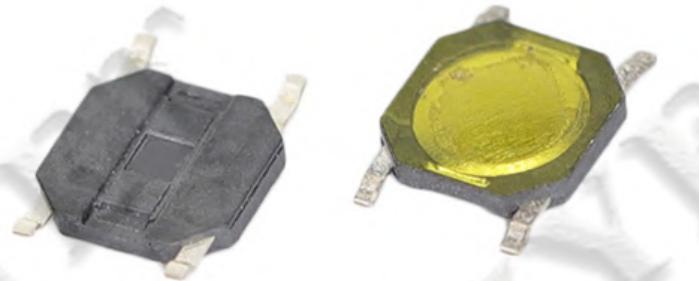
P.C.B LAND DIMENSION

HY-1187W



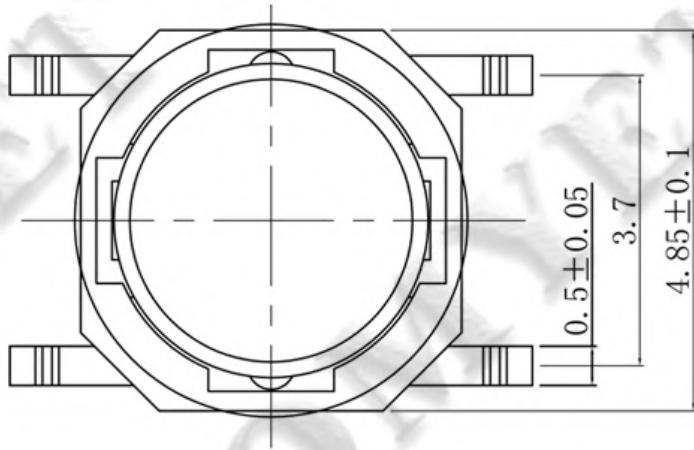
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000

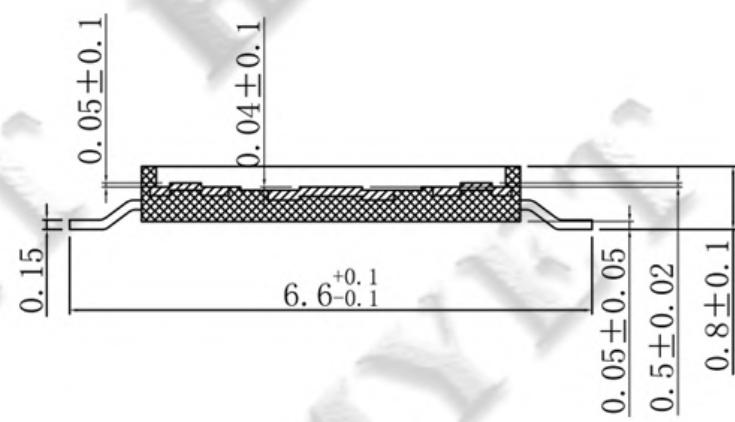
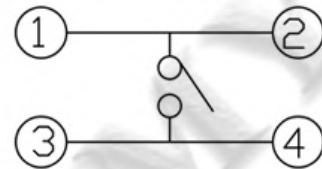


SOLDERING CONDITIONS

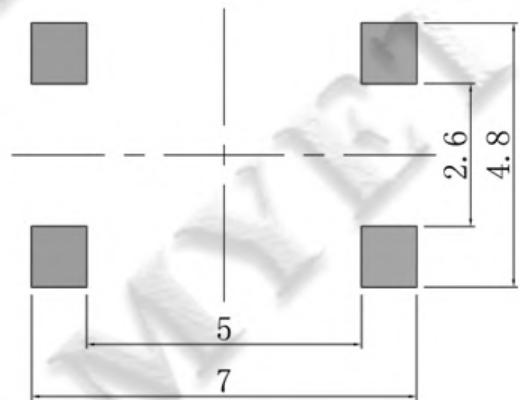
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P.C.B Land Pattern

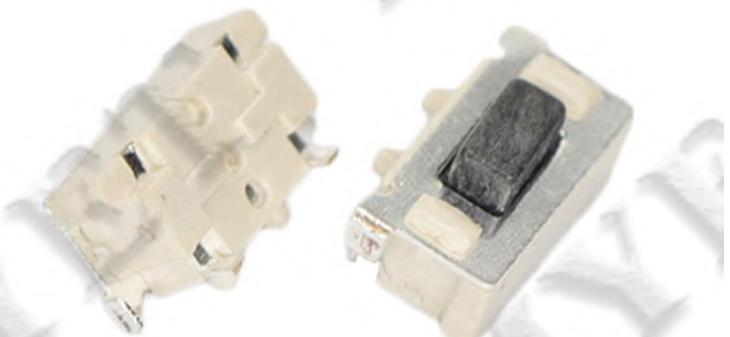


HY-1188E



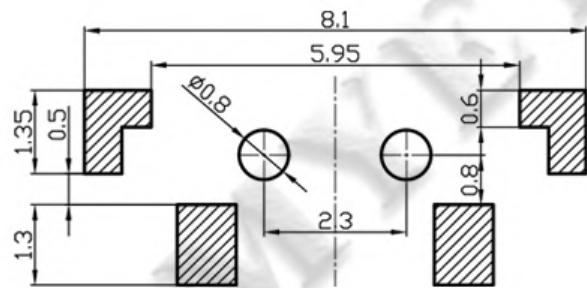
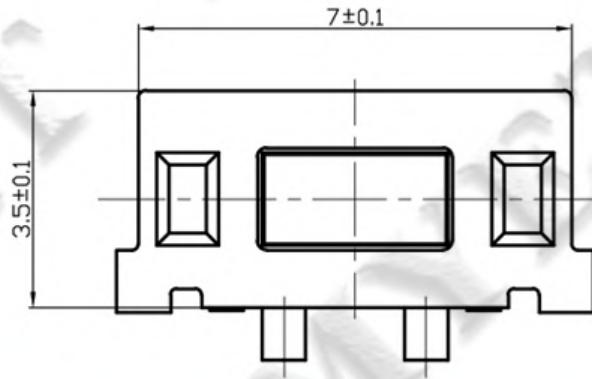
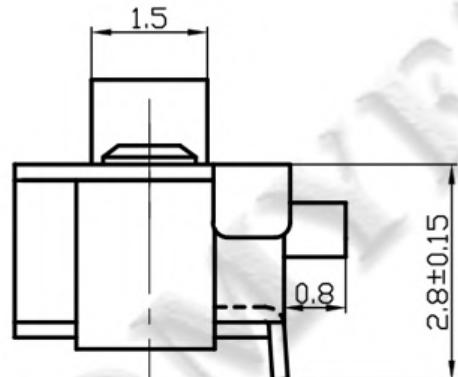
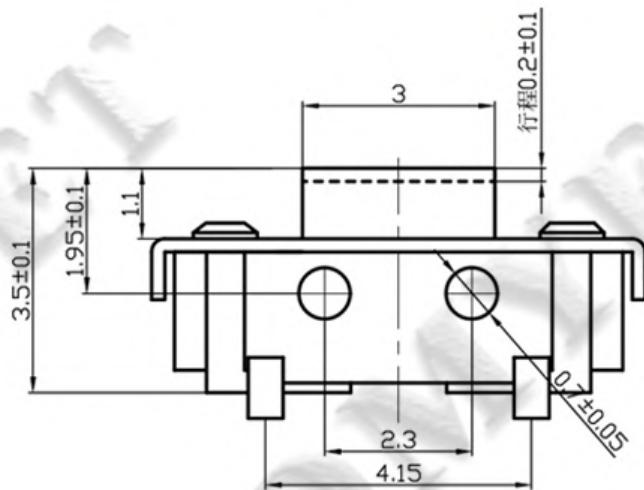
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



TACT SWITCH

 HOMYET

HY-1188NE



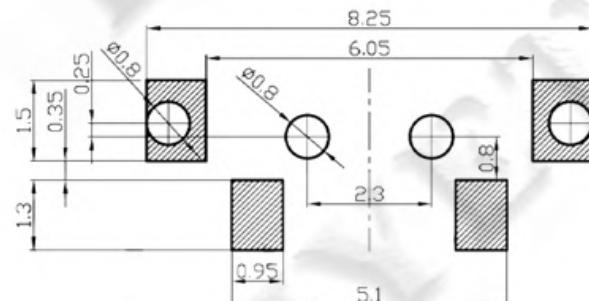
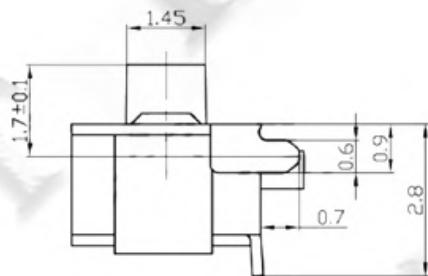
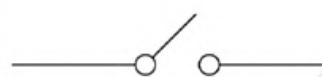
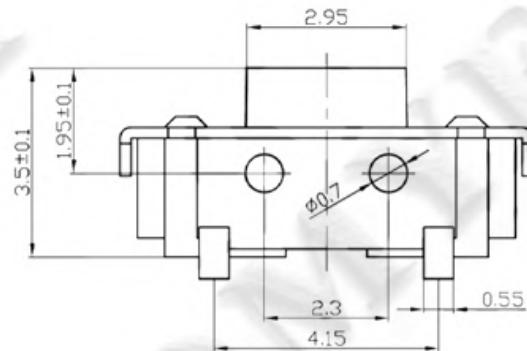
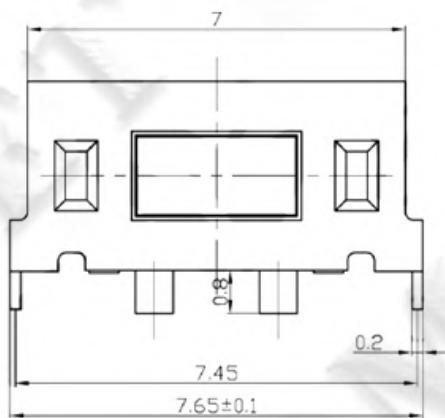
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

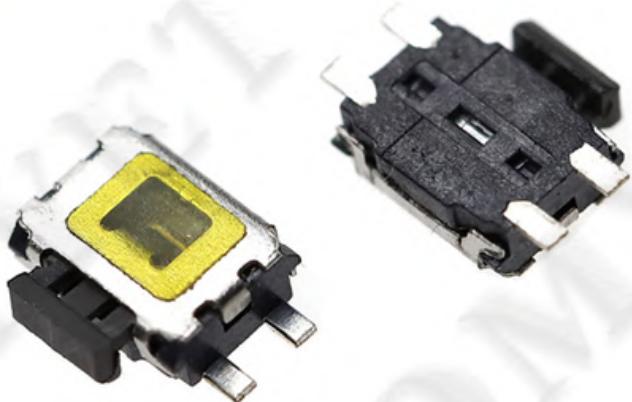
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1189

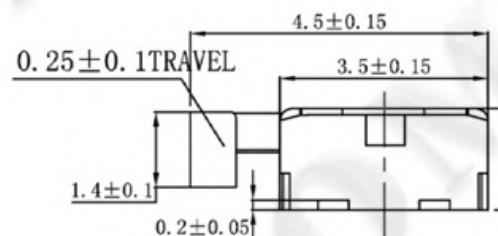
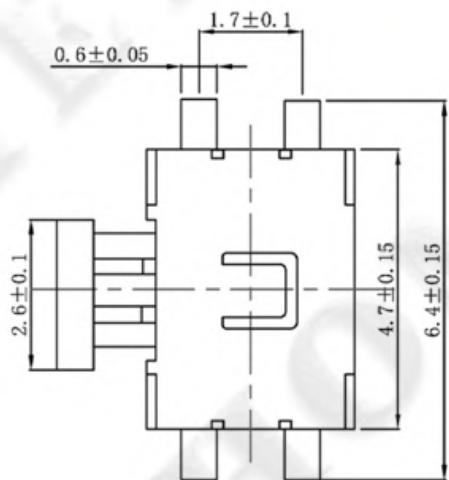
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	50,000

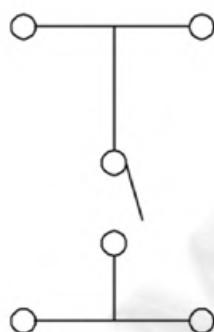


SOLDERING CONDITIONS

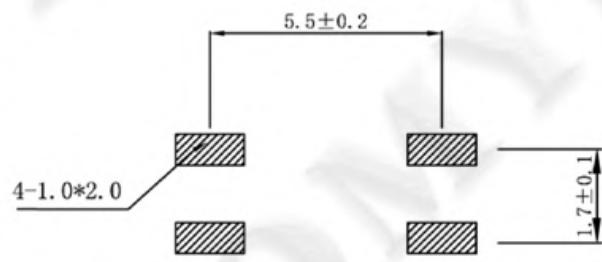
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B. Land Pattern

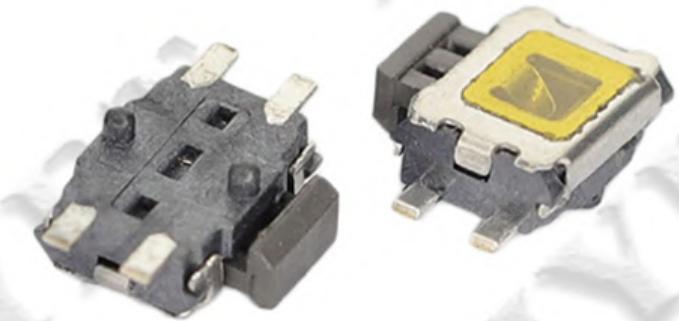


HY-1189E



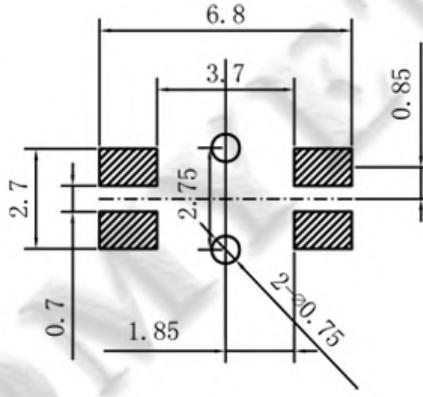
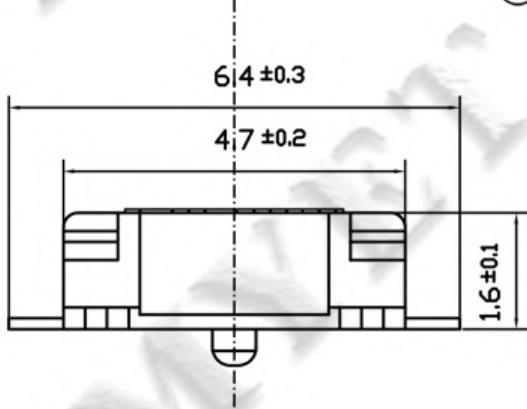
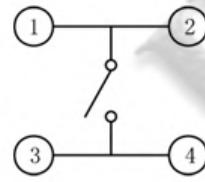
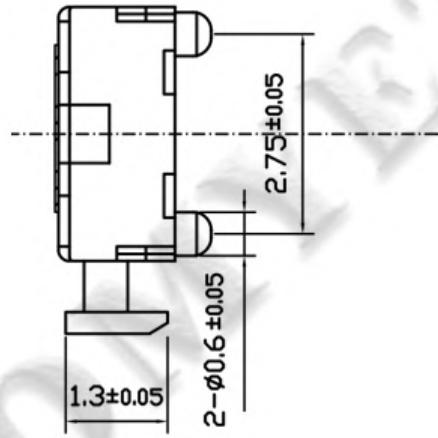
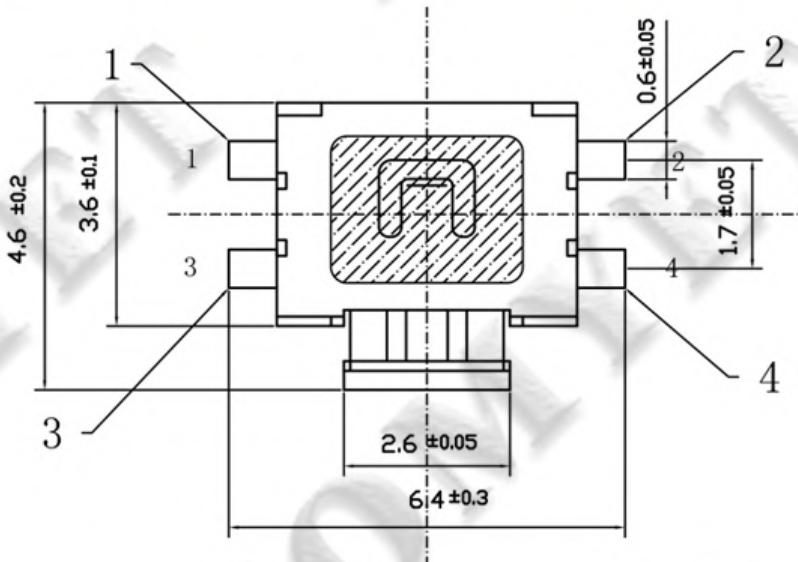
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 100\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

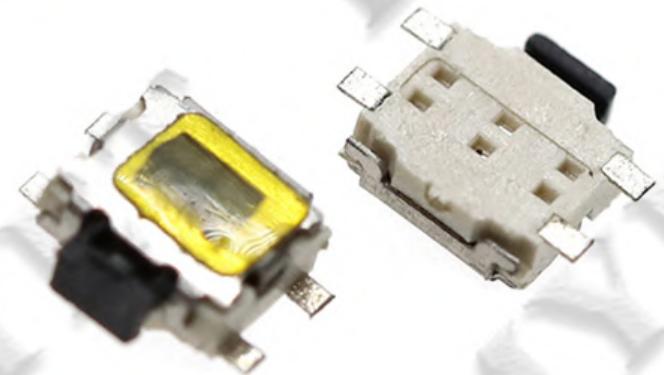


HY-1190



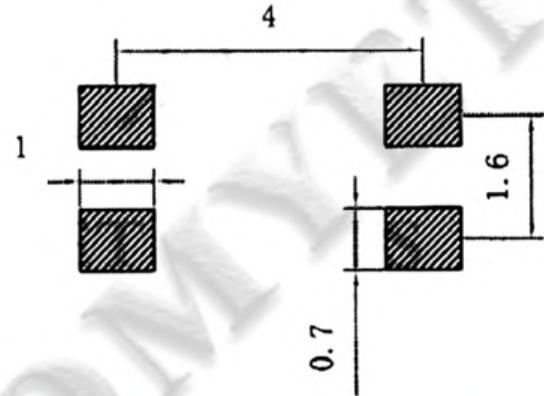
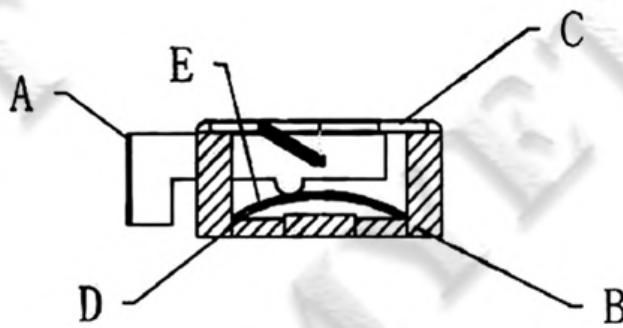
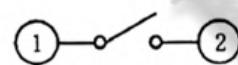
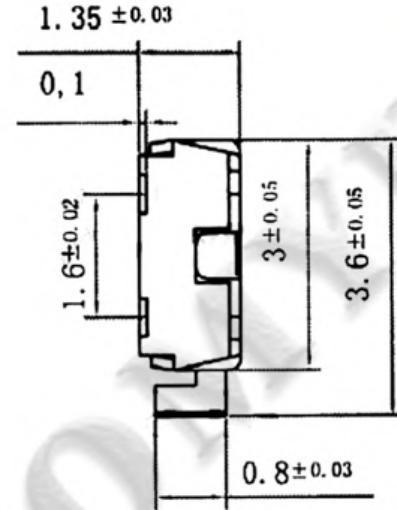
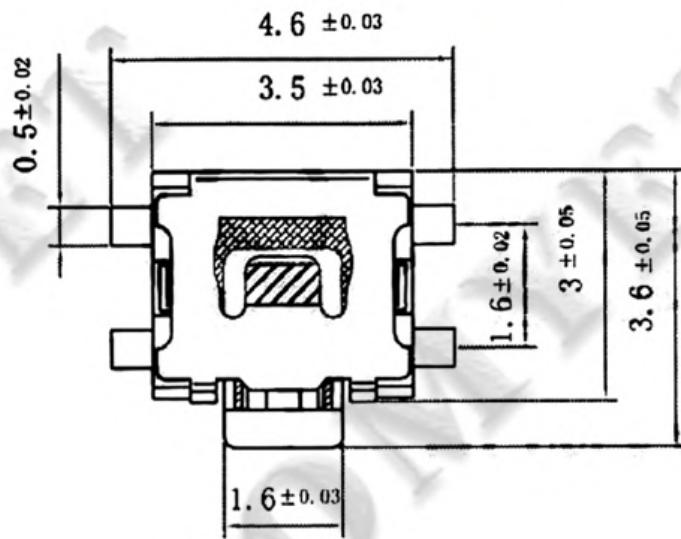
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

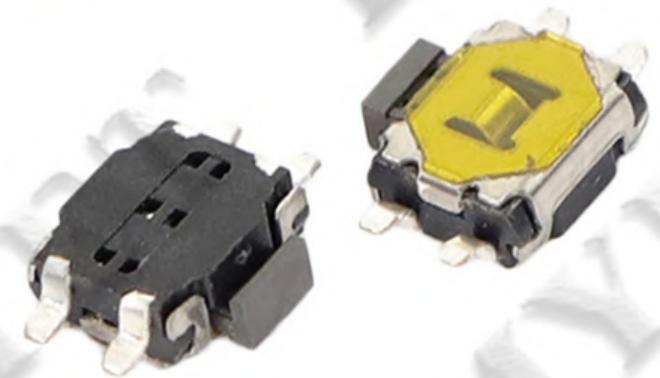


HY-1190C



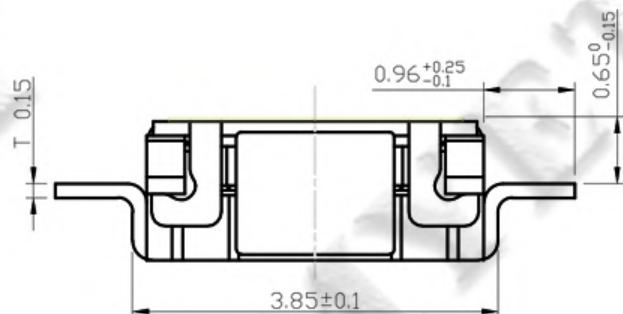
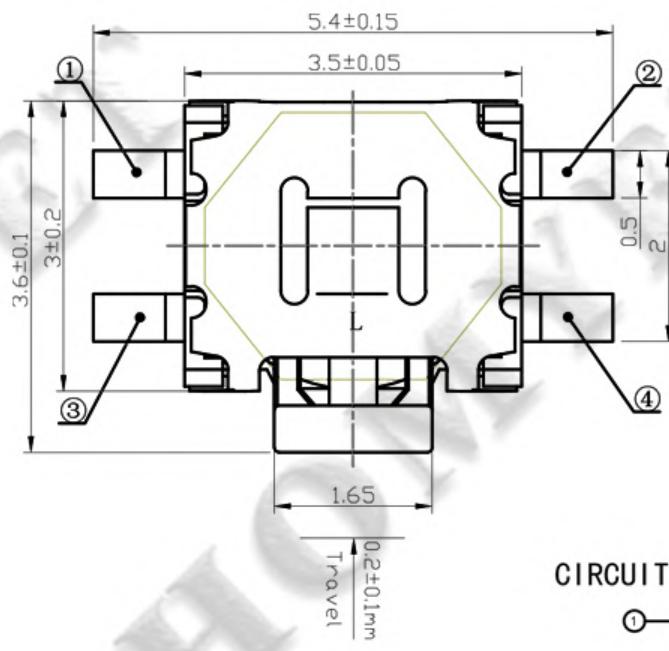
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000

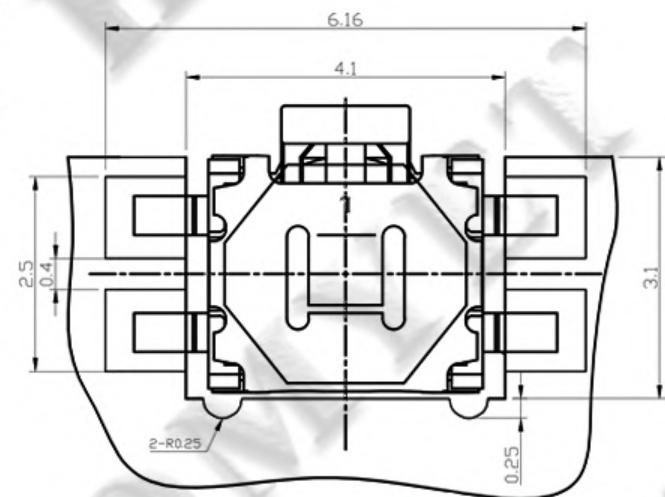
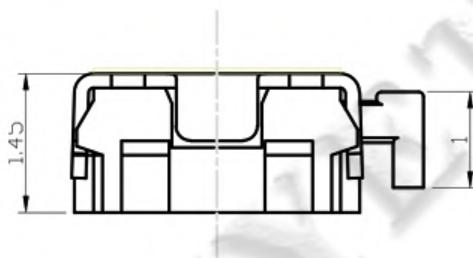
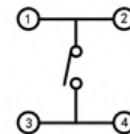


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM

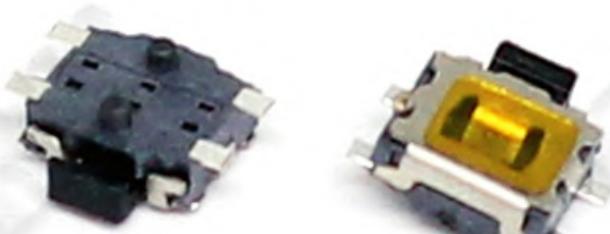


HY-1190E



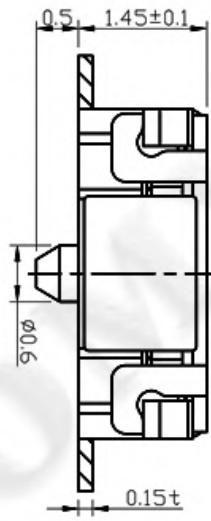
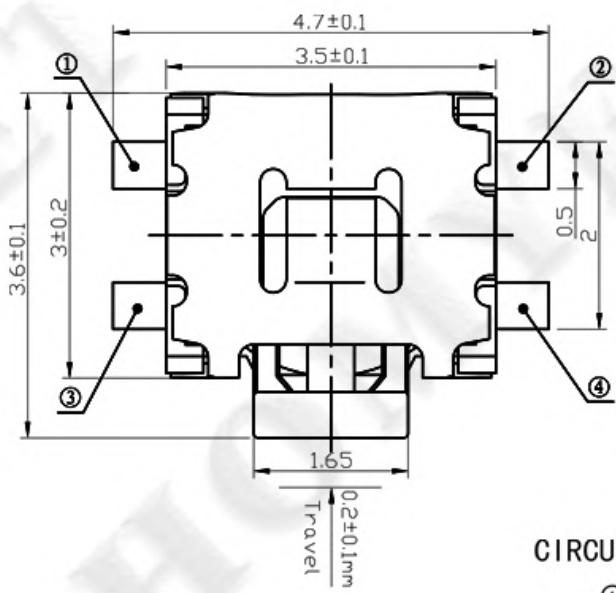
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$240\pm 50\text{gf}$
Operation life	50,000

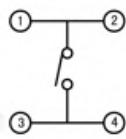


SOLDERING CONDITIONS

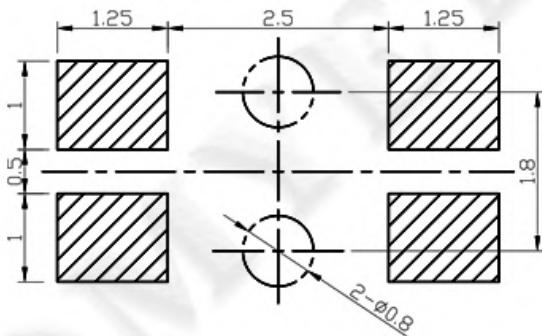
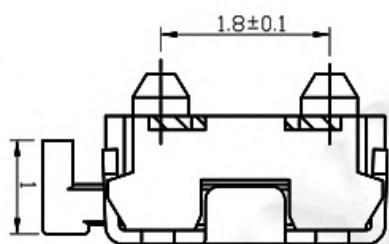
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P. C. B MOUNTING PATTERN DIMENSION
the following soldering are recommended
for reflow soldering



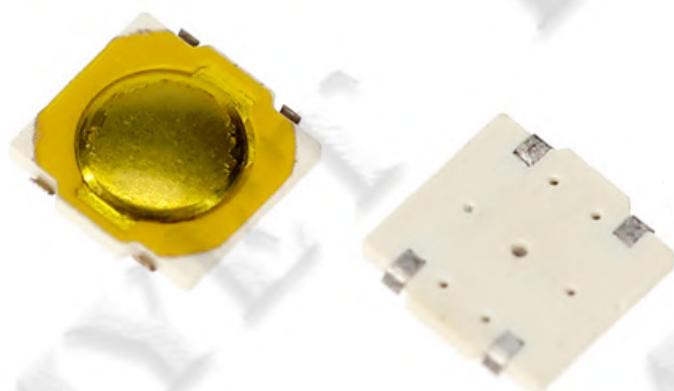
TACT SWITCH

HY-1197A



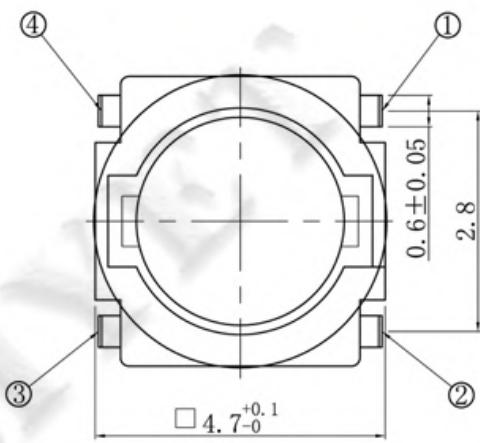
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160 \pm 30\text{gf}$
Operation life	50,000

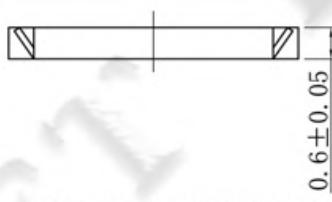
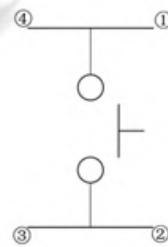


SOLDERING CONDITIONS

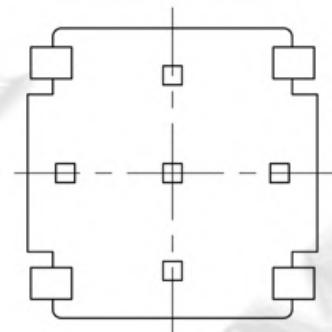
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



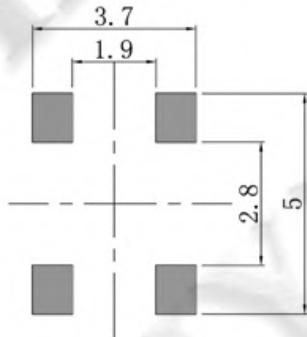
Circuit Diagram



SPECIFICATION



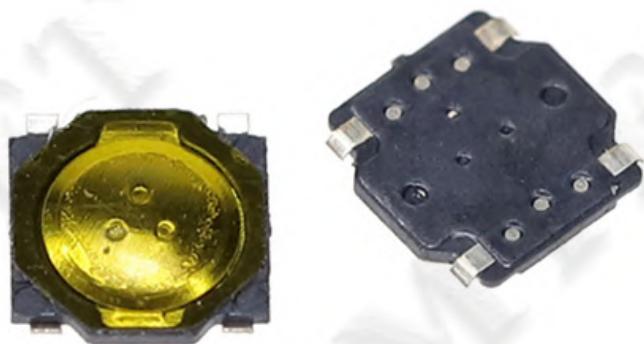
P. C. B. Land pattern



HY-1197B

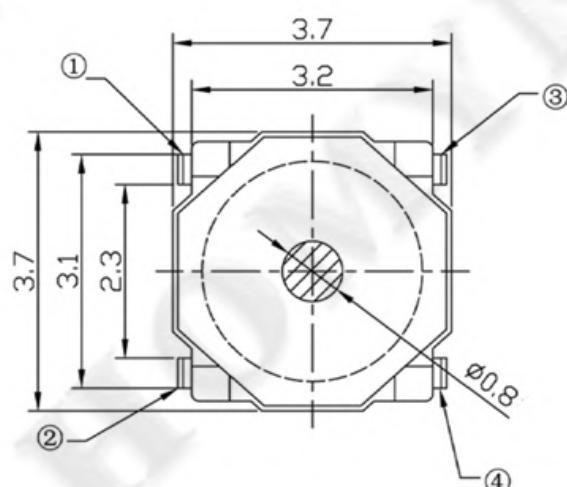
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$180\pm 30\text{gf}$
Operation life	50,000

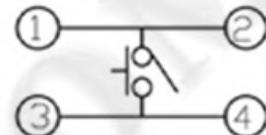


SOLDERING CONDITIONS

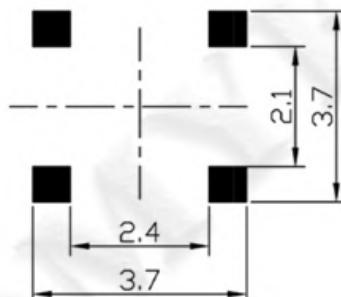
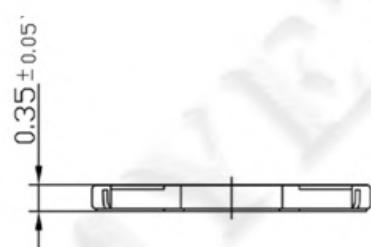
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B. Land Pattern



TACT SWITCH

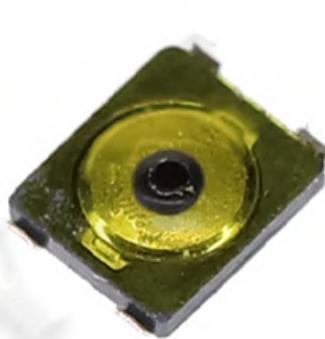
 HOMYET

HY-1199D



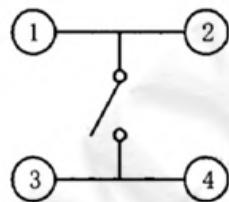
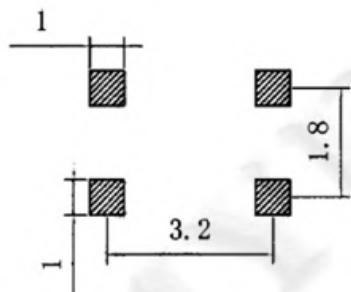
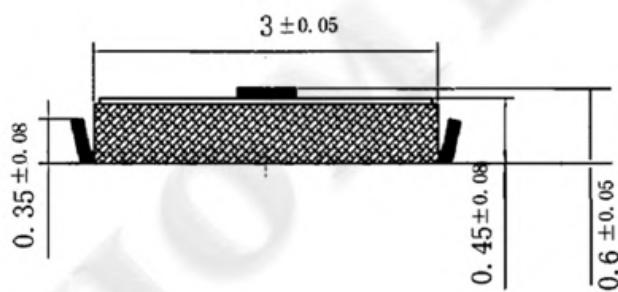
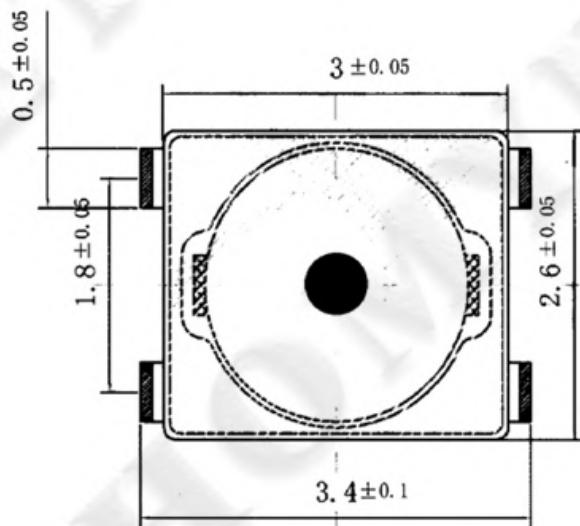
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	200/250 $\pm 30\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1507



SPECIFICATIONS

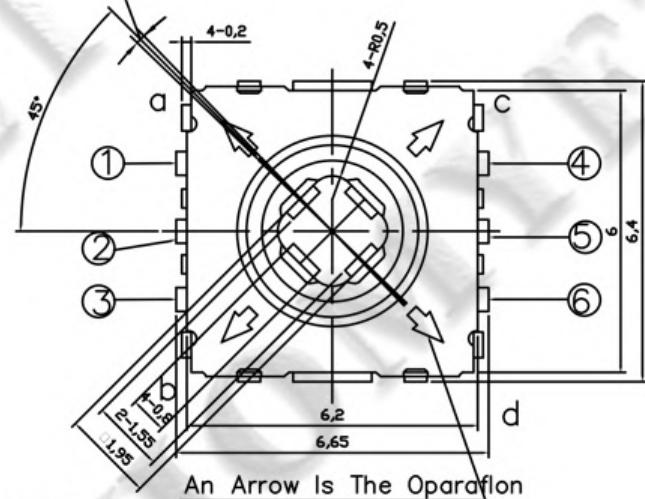
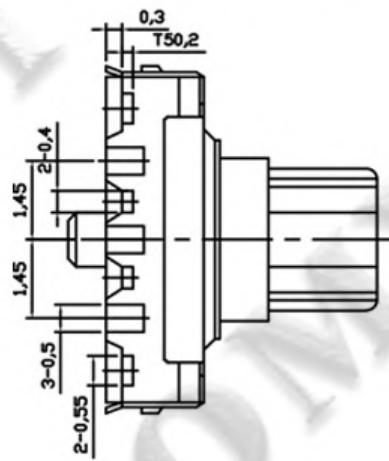
Rated Input Current	0.1 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 0.03 \Omega$
Insulation Resistance	$\geq 100M\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50 \text{gf}$
Operation life	50,000



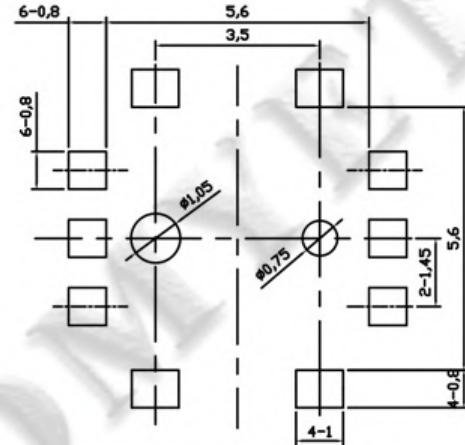
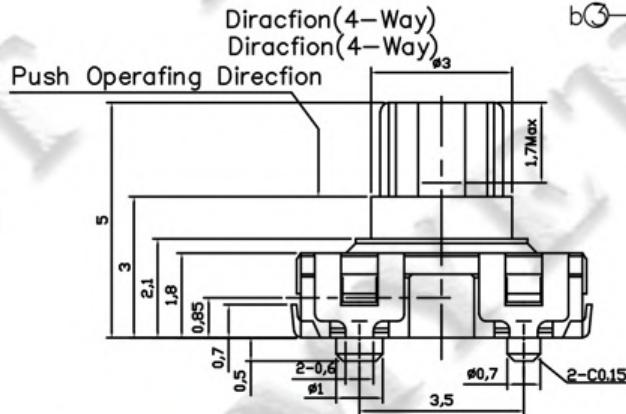
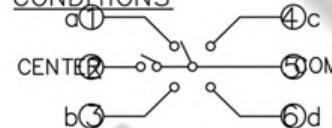
SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

(Stillness Position) $0^\circ \pm 3^\circ$
(Amount of Ration Losening) $2^\circ \pm 2^\circ$



REFLOW SOLDERING CONDITIONS



HY-1812



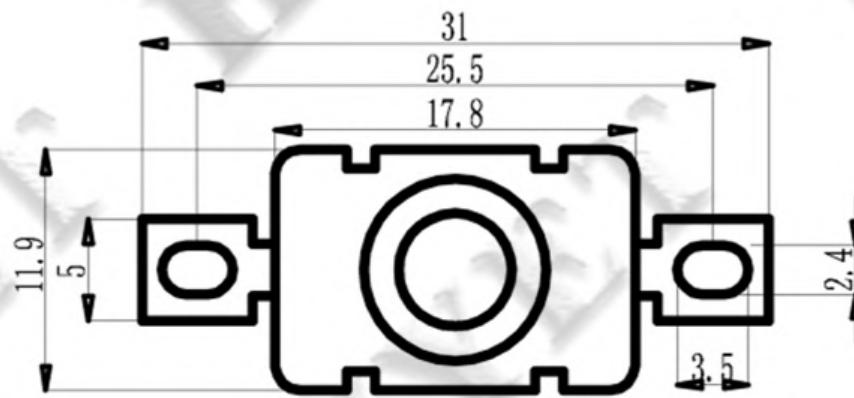
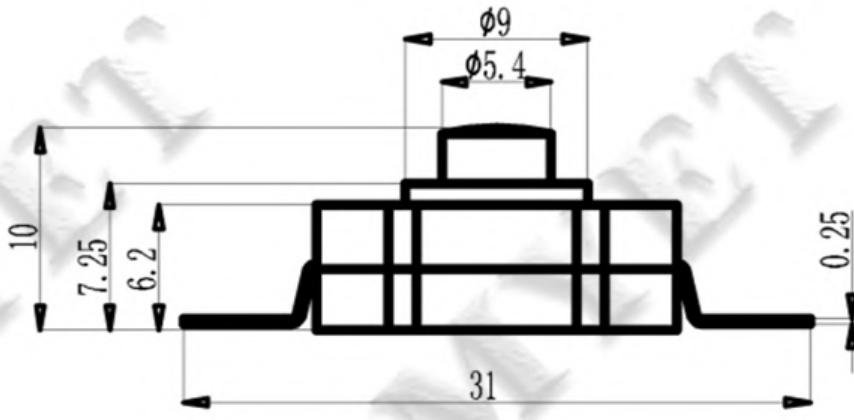
SPECIFICATIONS

Rated Input Current	3 A
Rated Input Voltage	AC 250V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	1500V AC/1min
Operating Force	$800 \pm 50\text{gf}$
Operation life	50,000

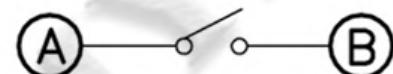


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



电路简图
SCHEMATIC



HY-3602



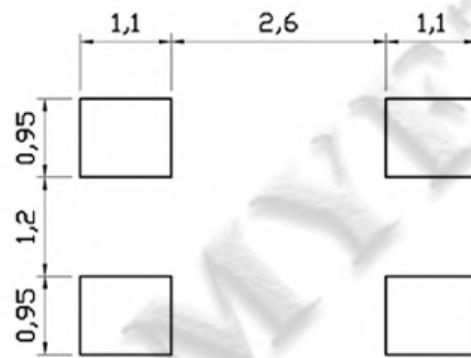
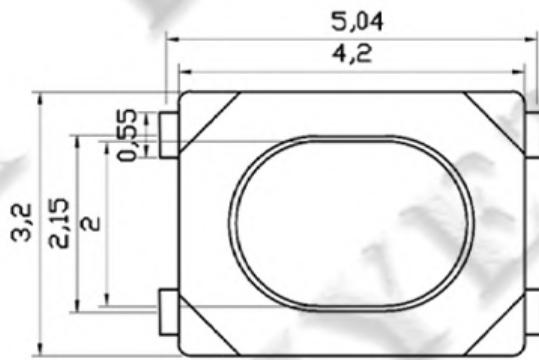
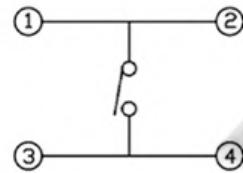
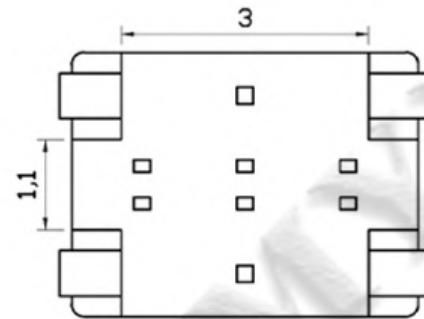
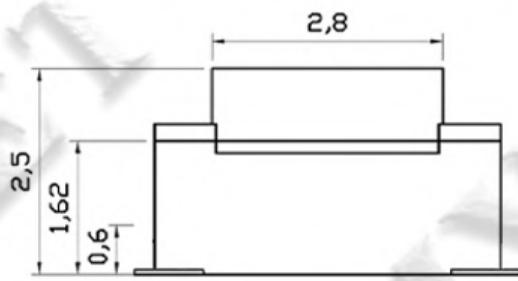
SPECIFICATIONS

Rated Input Current	0.1 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 50 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160 \pm 30\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



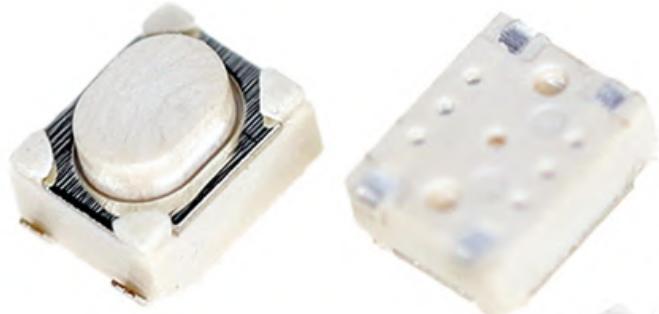
TACT SWITCH

HY-3602B



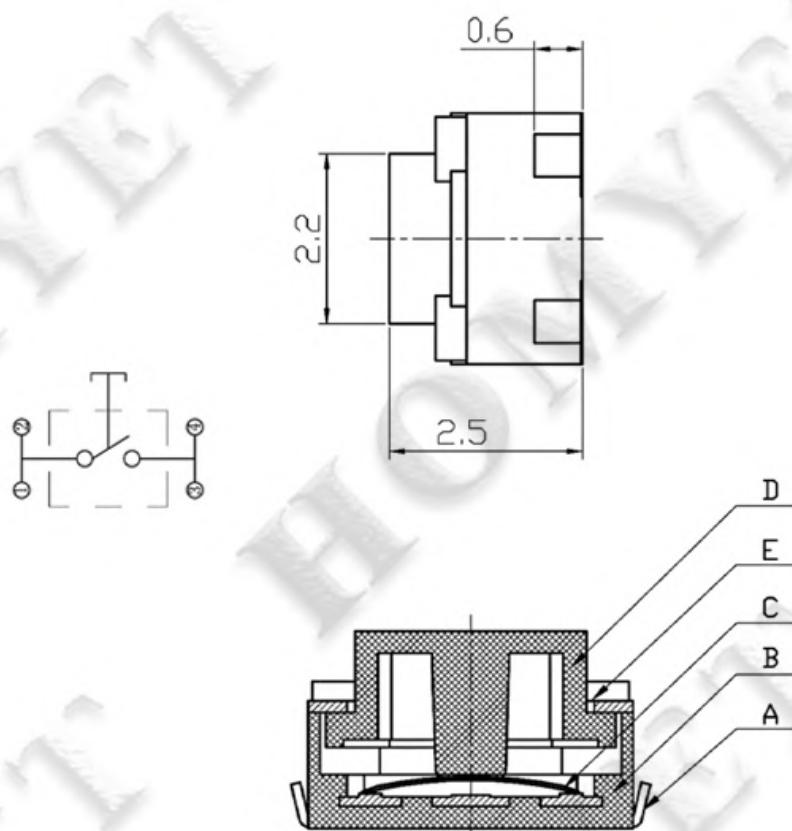
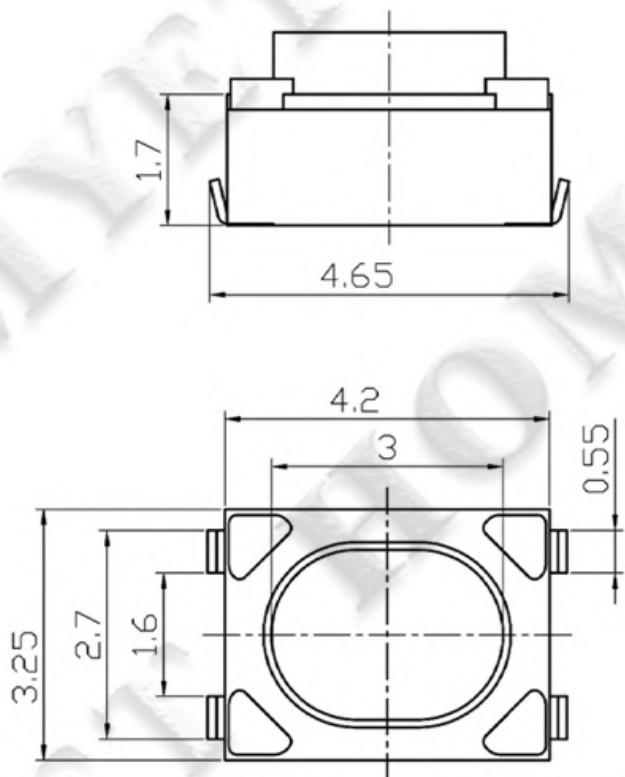
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	12V DC
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 30\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

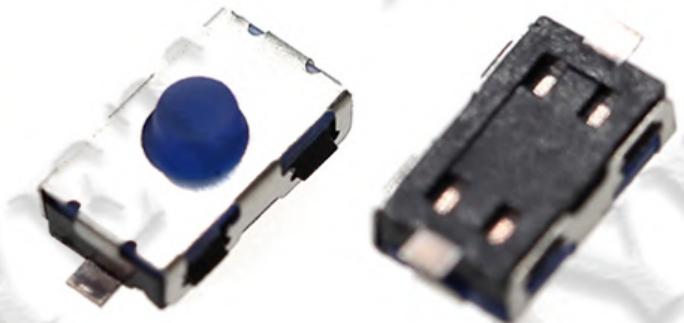


HY-3860



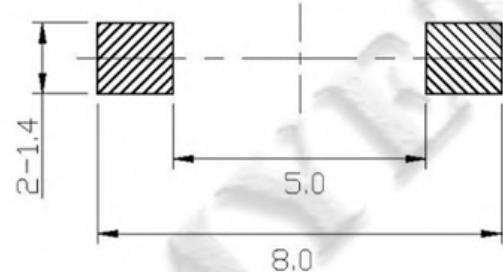
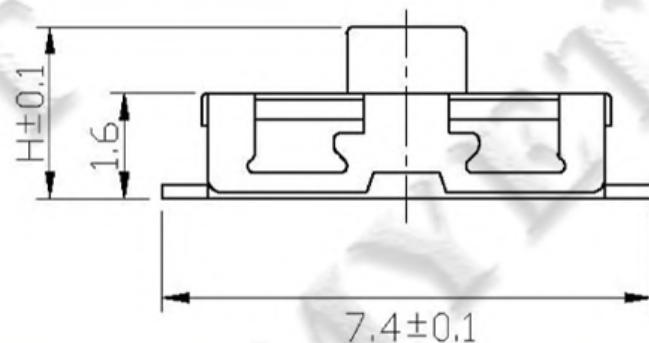
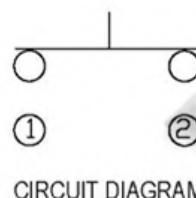
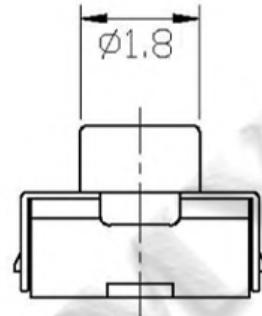
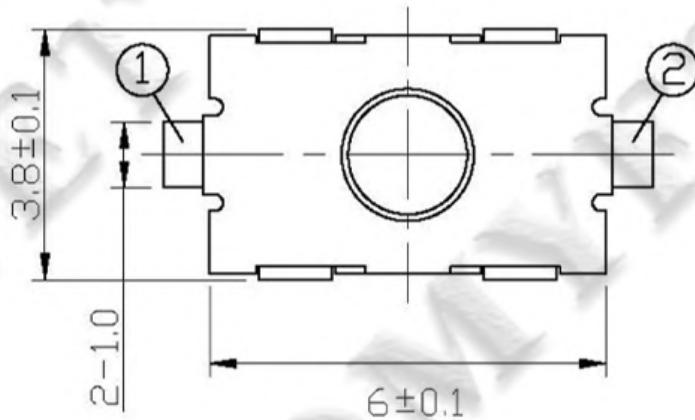
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	30,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P.C.B LAND DIMENSION

HY-6601



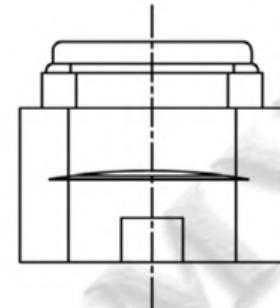
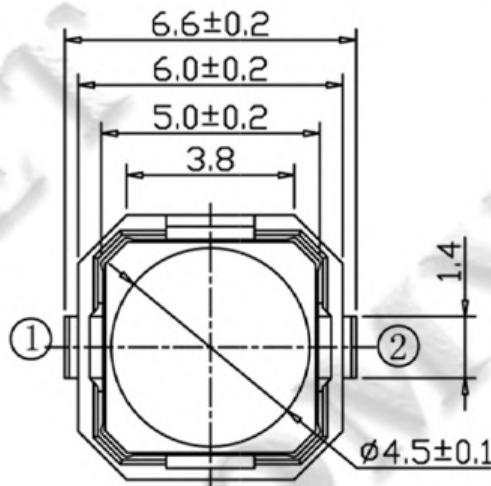
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000

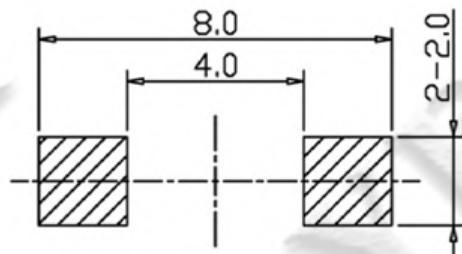


SOLDERING CONDITIONS

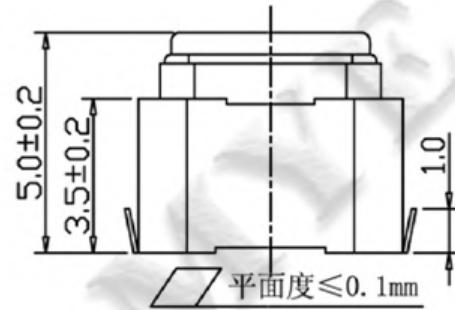
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P. C. B. Layout



TACT SWITCH

HY-6615S



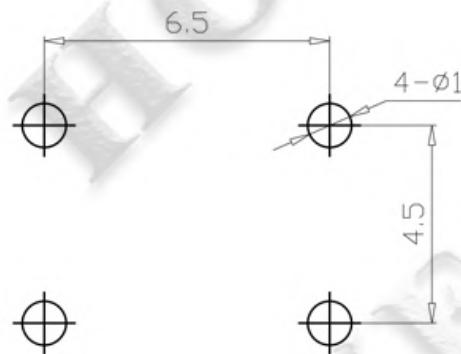
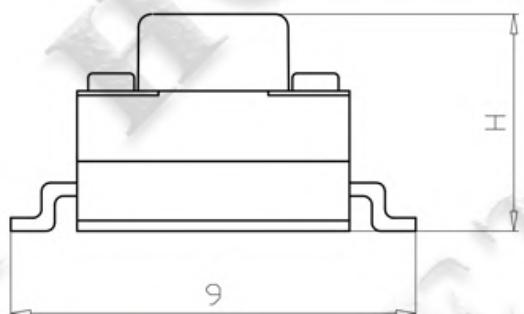
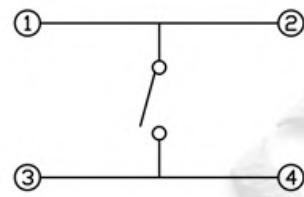
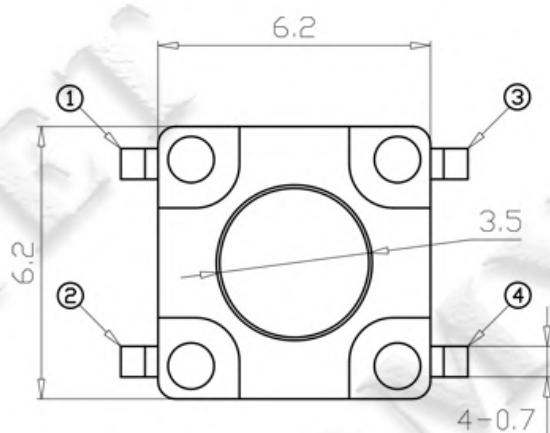
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160 \pm 50\text{gf}$
Full Travel	$0.35 \pm 0.1\text{mm}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-6650S



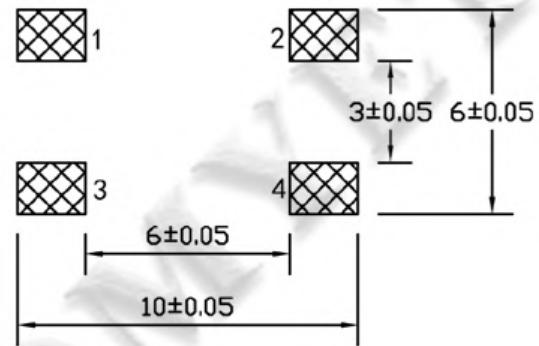
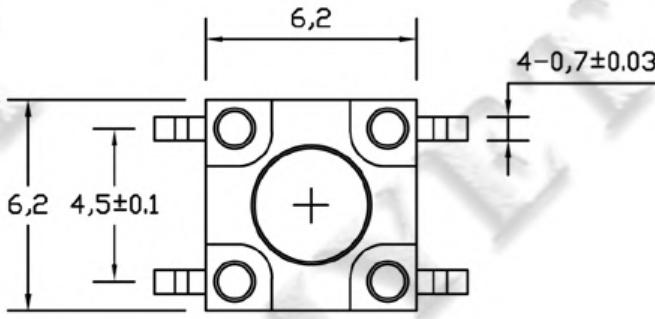
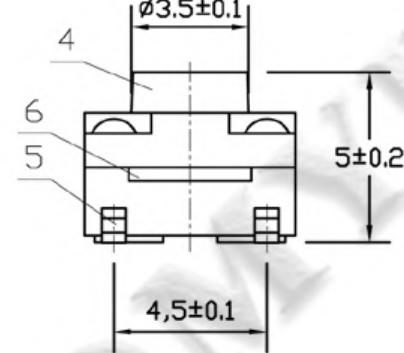
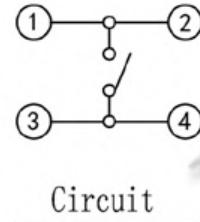
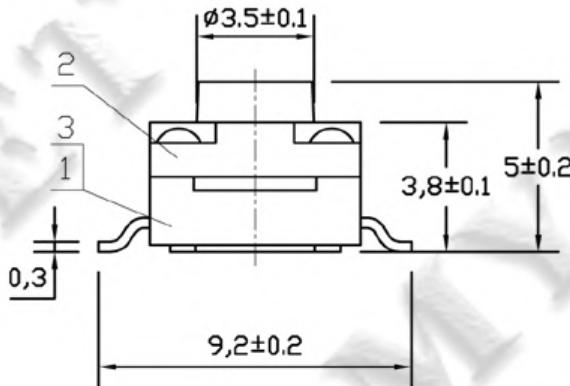
SPECIFICATIONS

Rated Input Current	0.5 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1100C



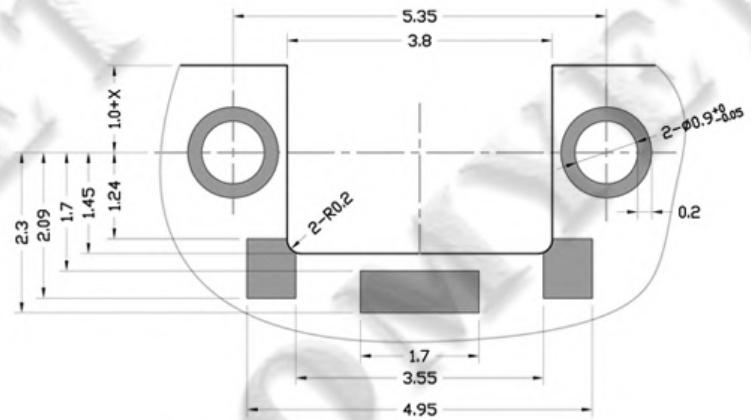
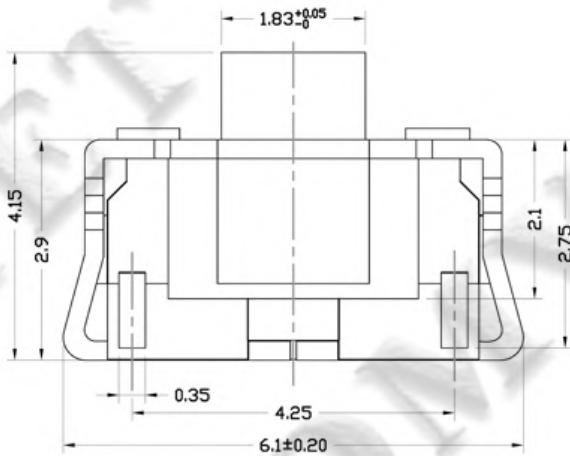
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50 \text{gf}$
Operation life	100,000

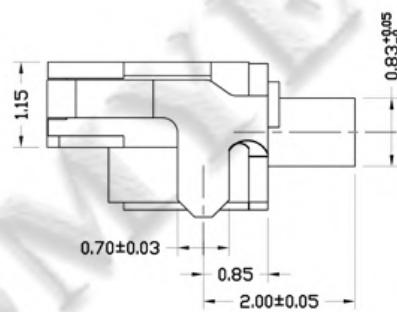
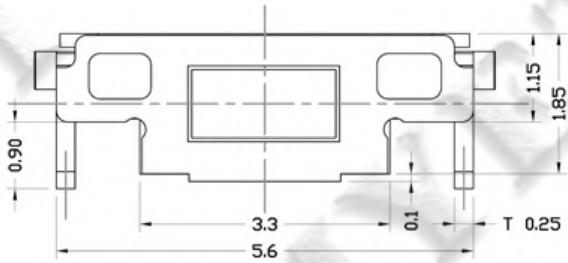


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



HY-1100ENH



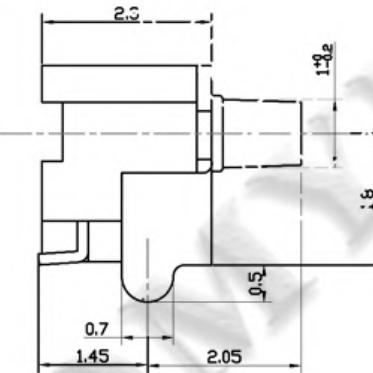
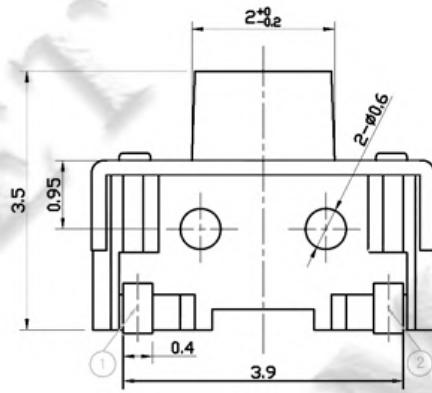
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50 \text{gf}$
Operation life	100,000

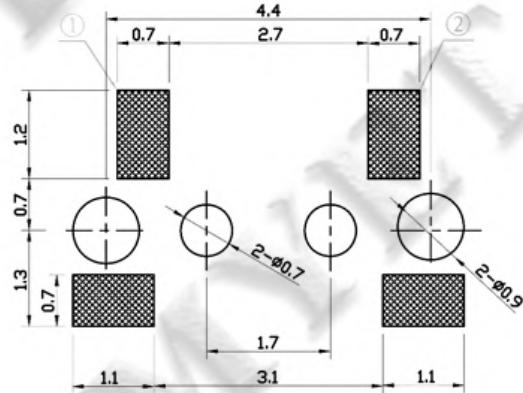
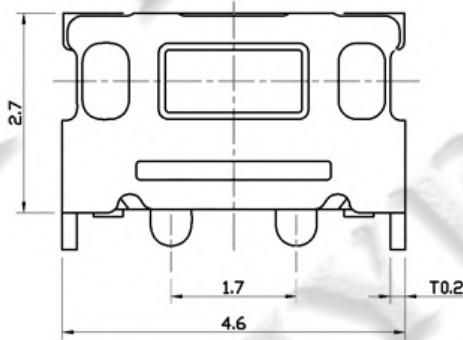


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM

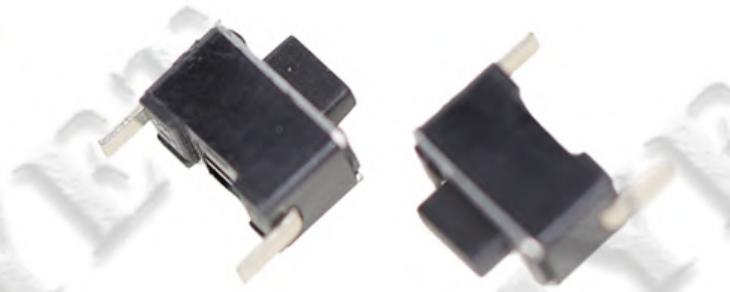


HY-1101Z



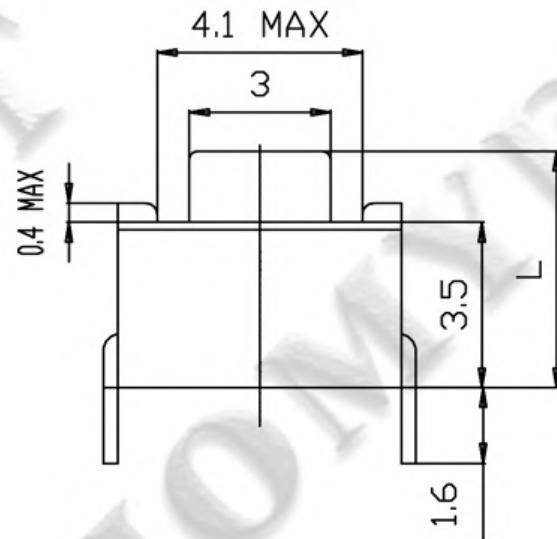
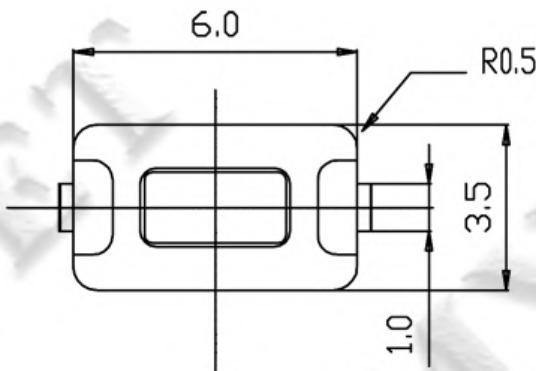
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

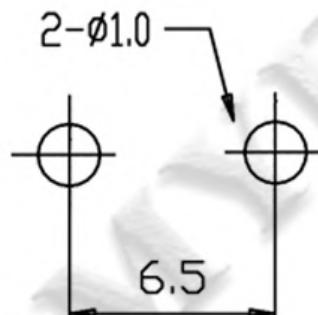
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P.C.B DIMENSIONS

L	4.3	5.0
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CIRCUIT DIAGRAM



HY-1102HLC



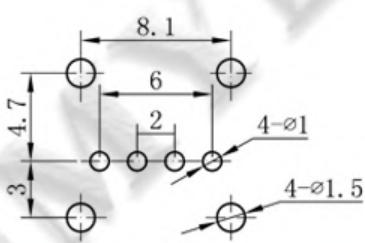
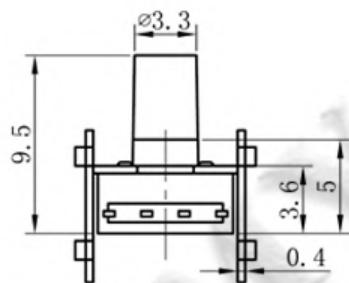
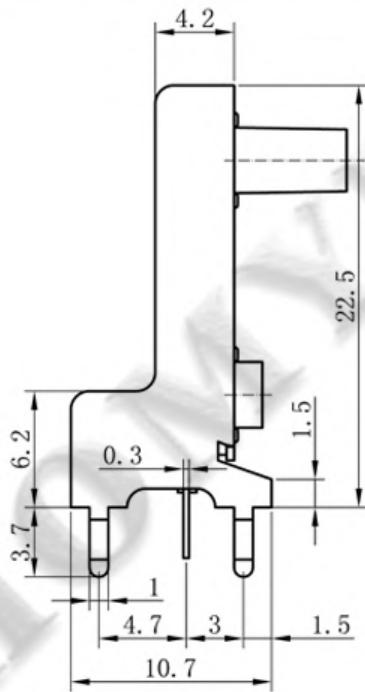
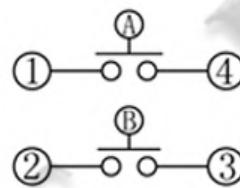
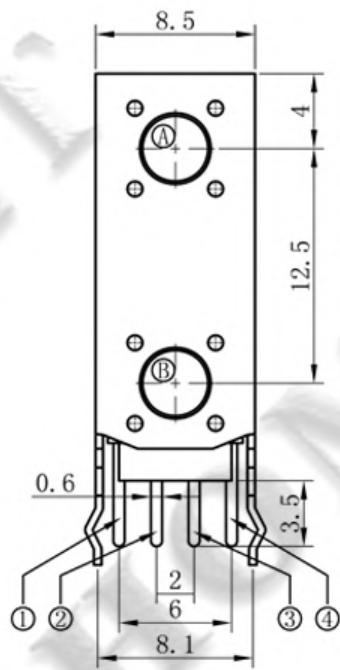
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1102P



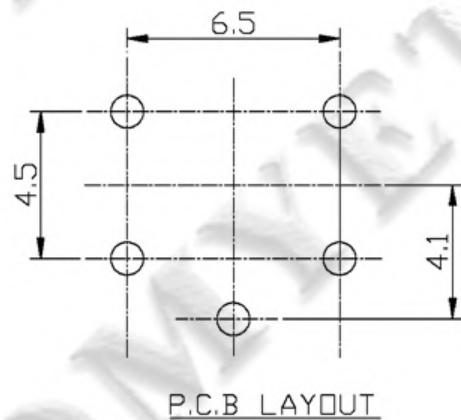
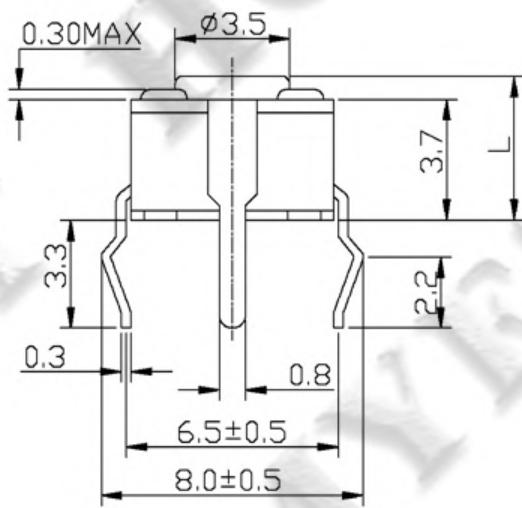
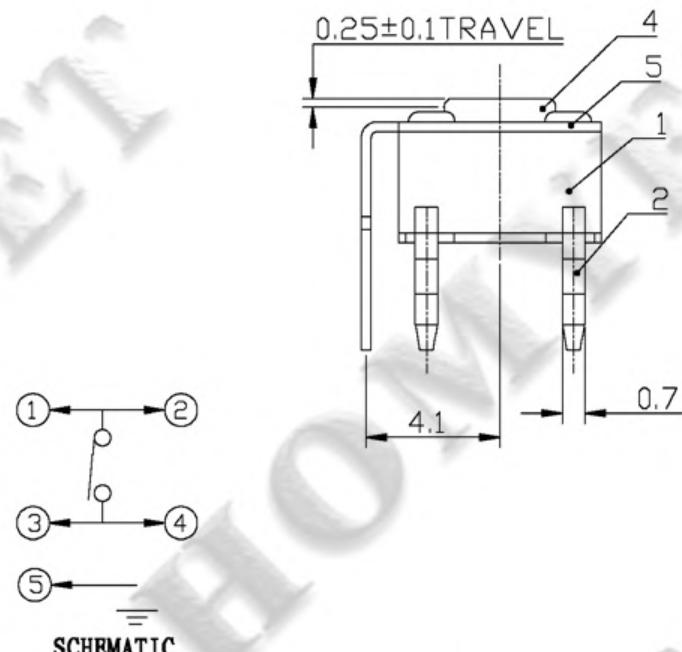
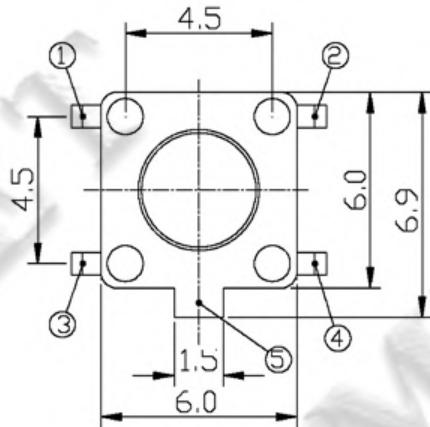
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

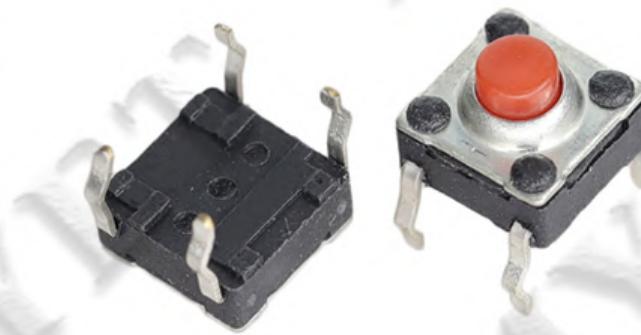


HY-1102WR1



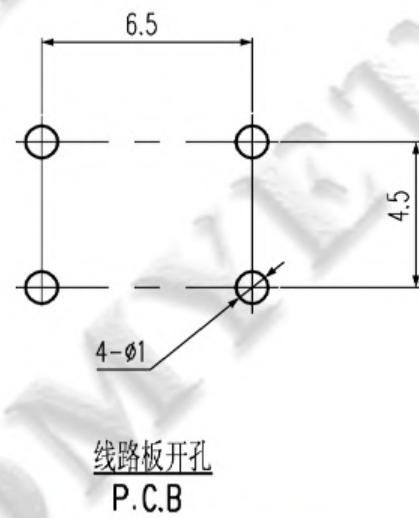
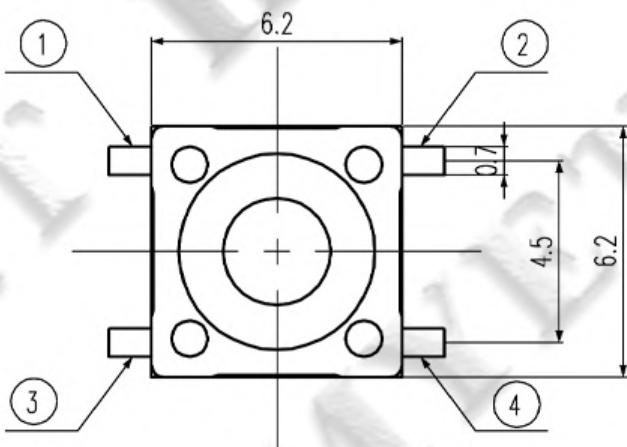
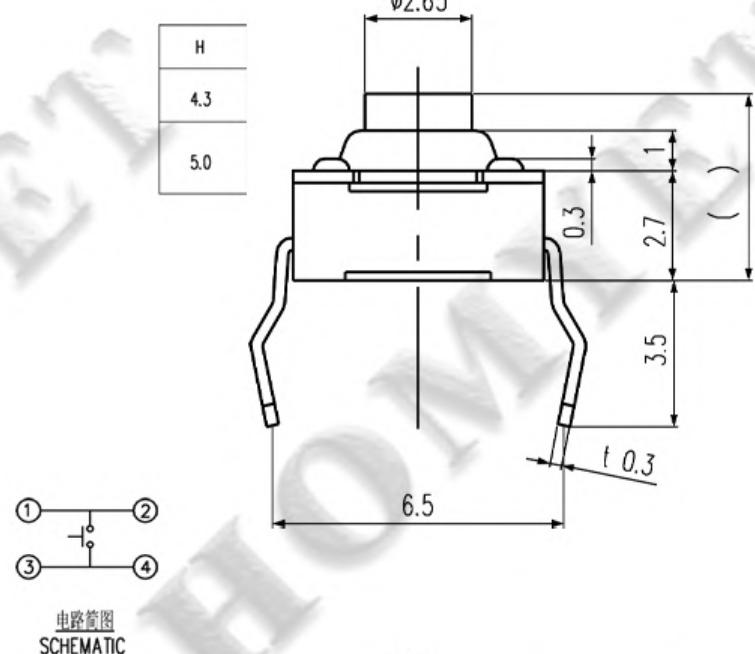
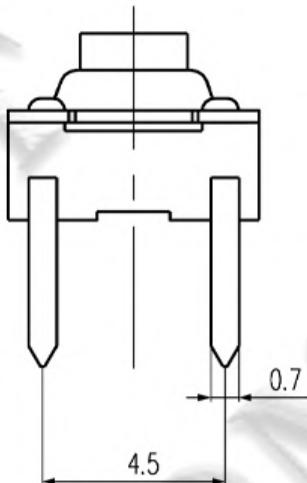
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{ gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1102F



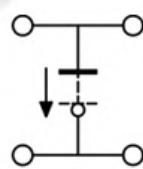
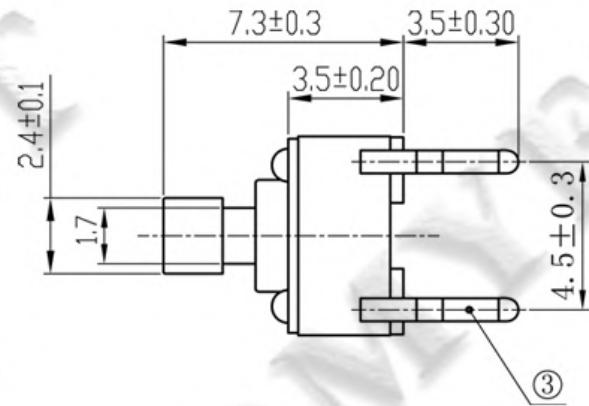
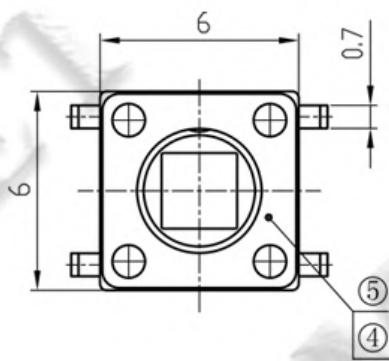
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	100,000

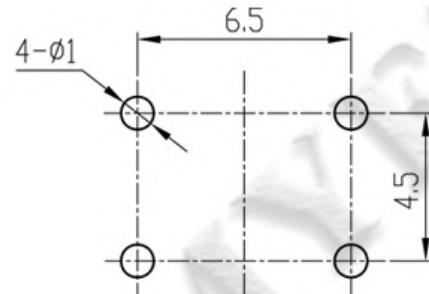
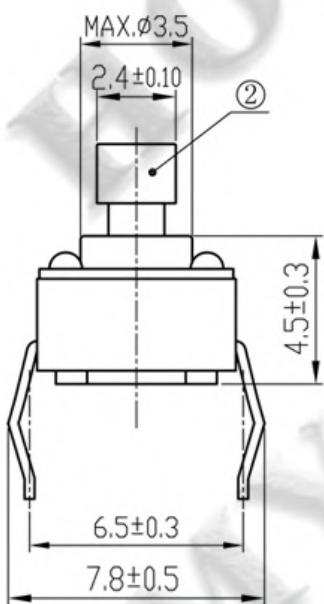


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B Holes Diagram
BOTTOM VIEW

HY-1102FS



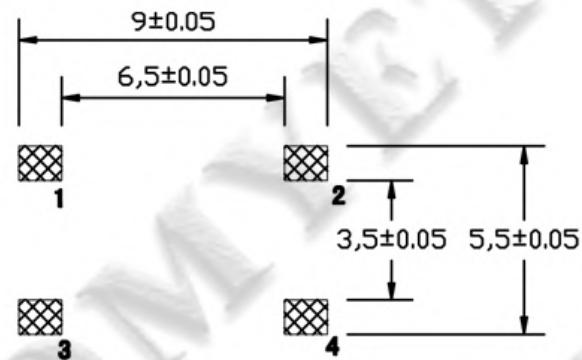
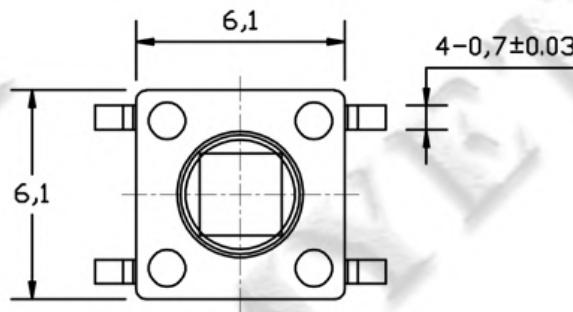
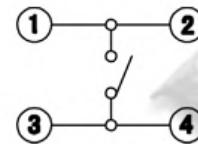
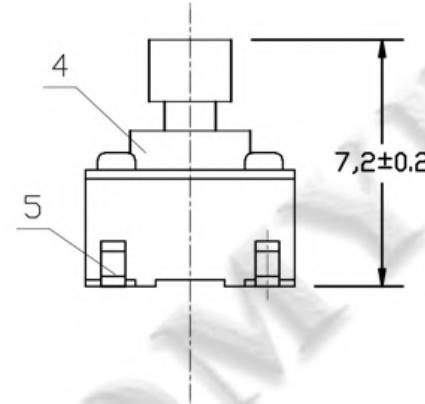
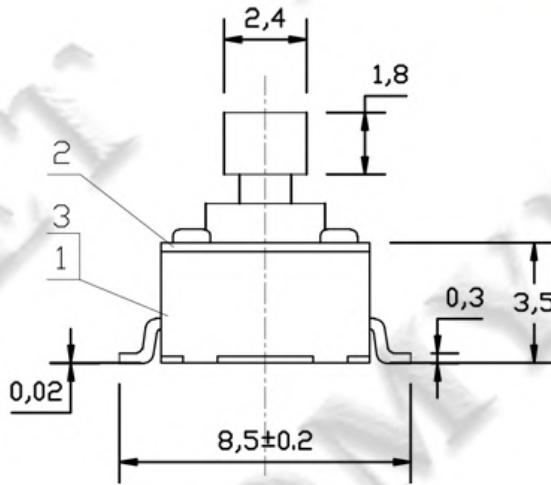
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1102HF



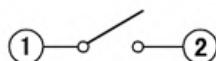
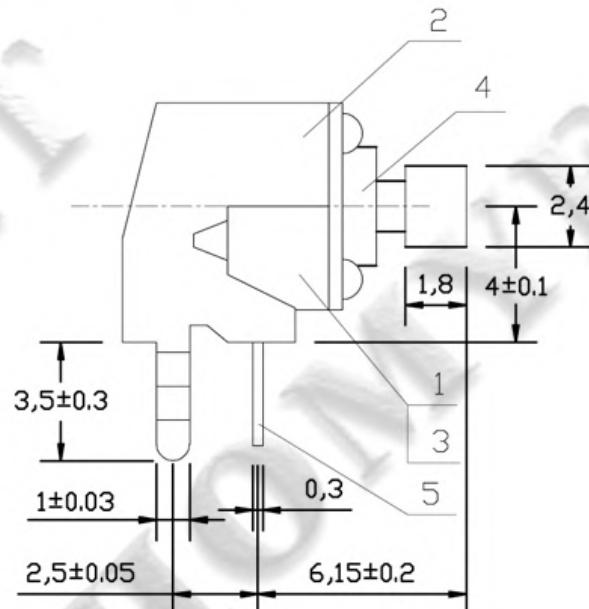
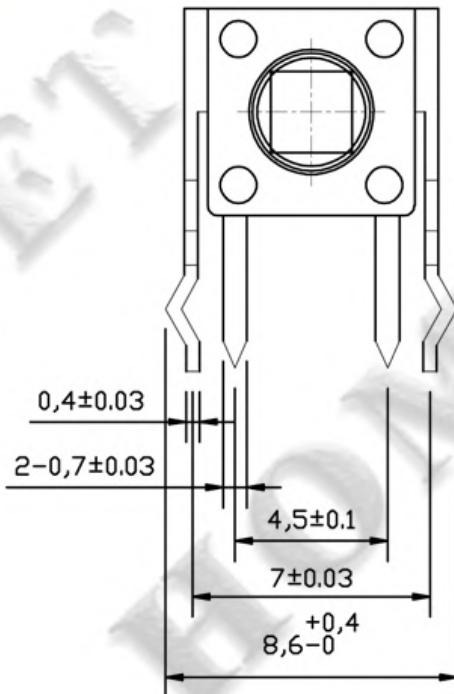
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000

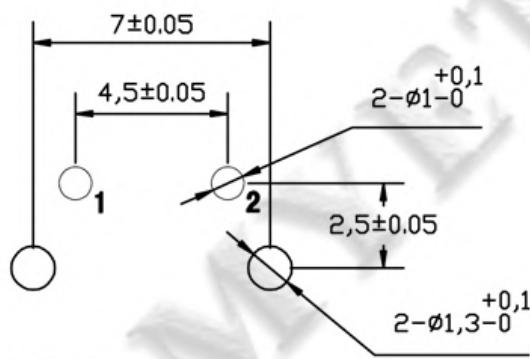


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



电路图表



安装尺寸 (从焊锡面看)

HY-1102ZL



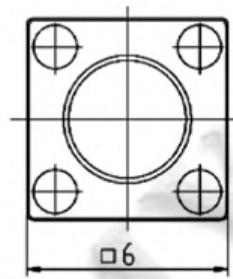
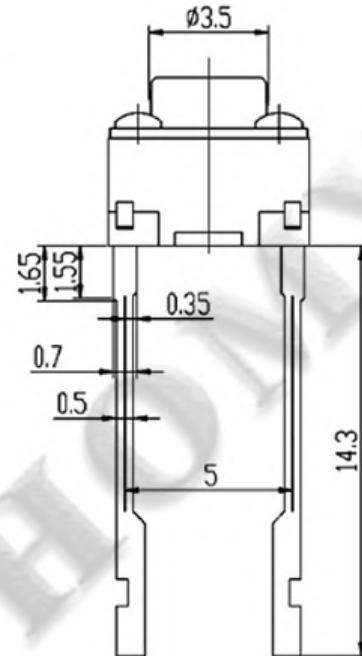
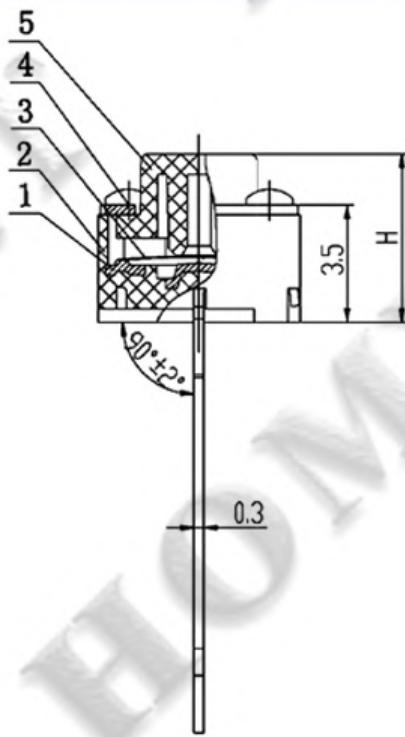
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30\text{gf}$
Operation life	50,000

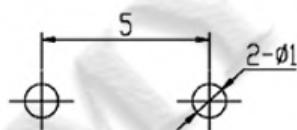


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B LAND PATTERN

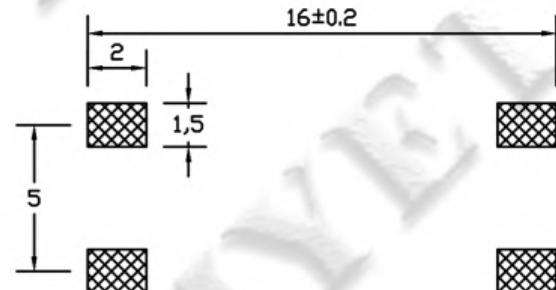
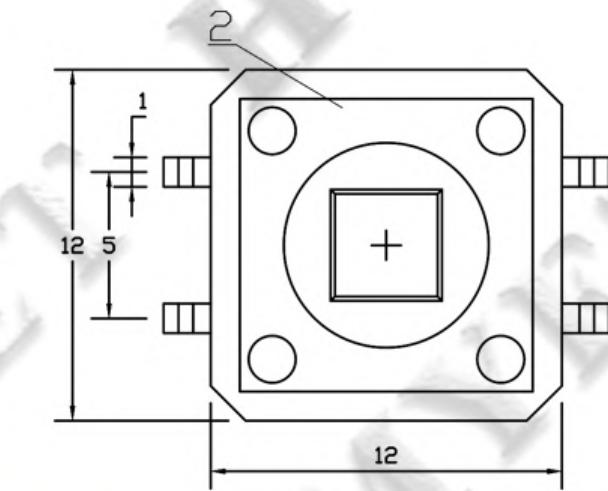
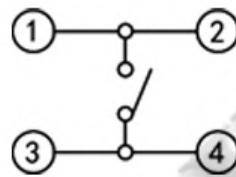
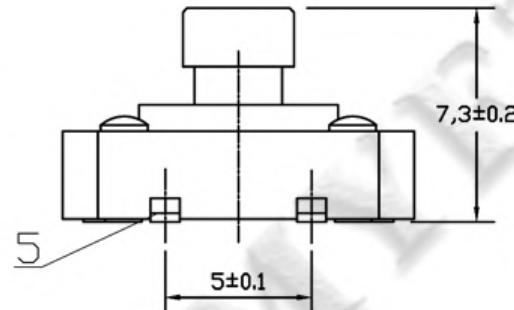
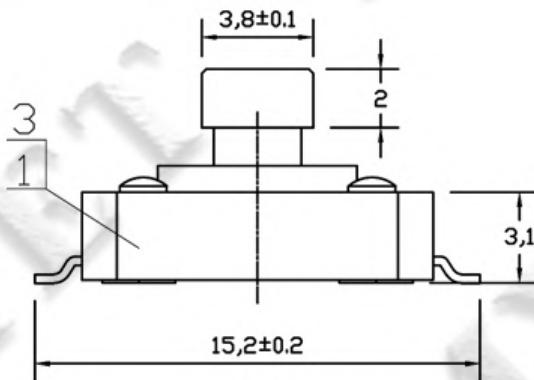


HY-1103FS**SPECIFICATIONS**

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{gf}$
Operation life	50,000

**SOLDERING CONDITIONS**

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



贴片尺寸 (从焊锡面看)

HY-1103WT



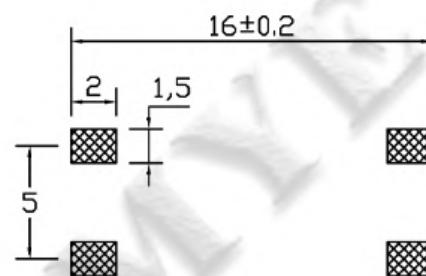
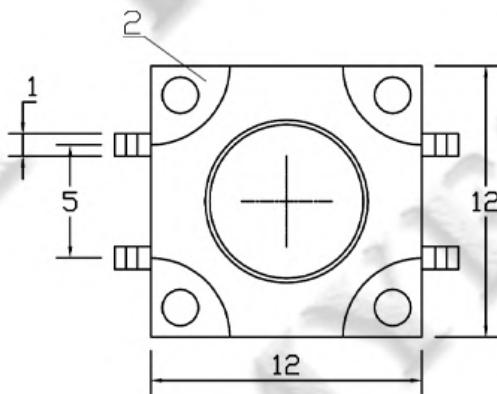
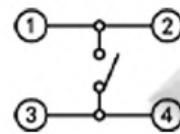
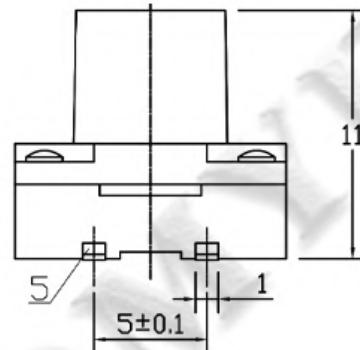
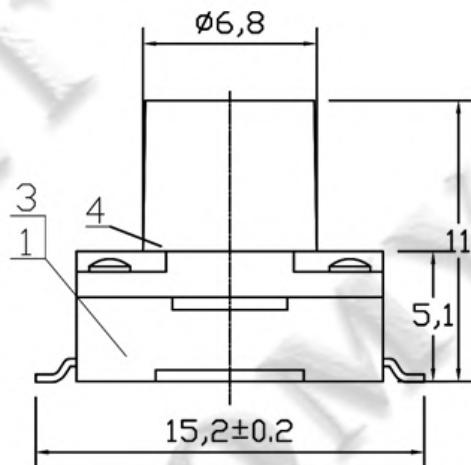
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{ gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1103V



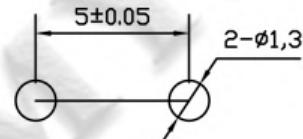
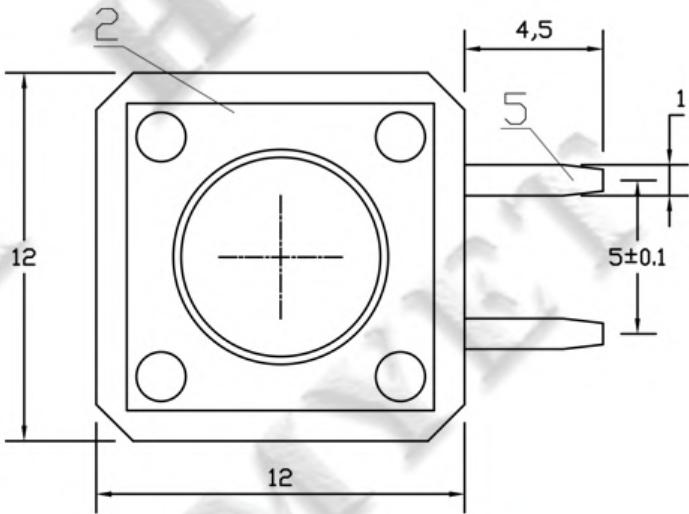
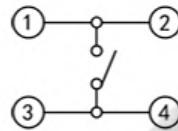
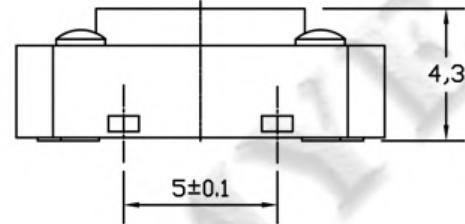
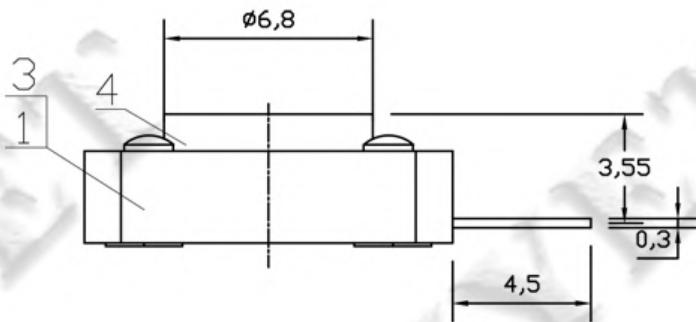
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

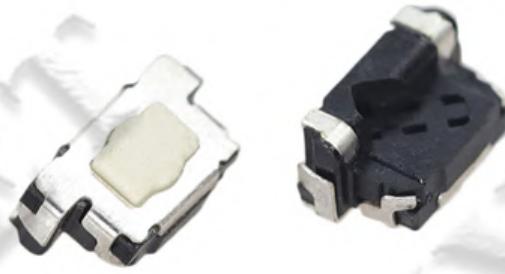


HY-1124



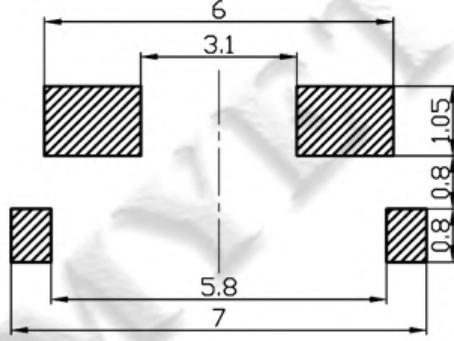
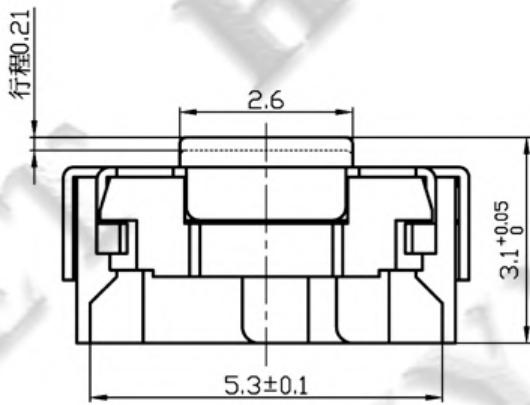
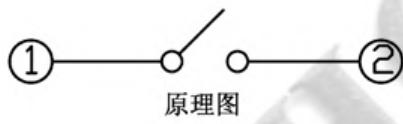
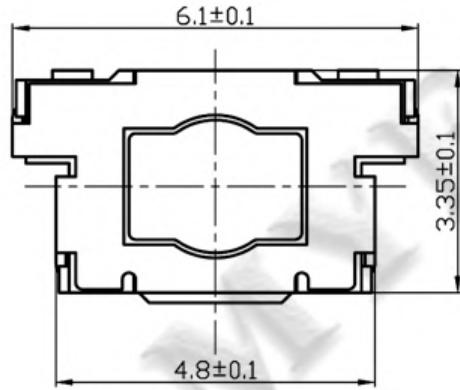
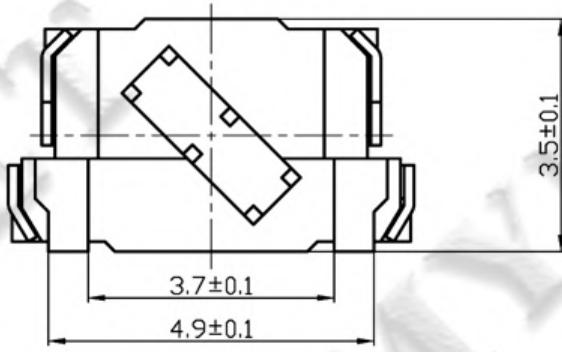
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$180\pm 30\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1127



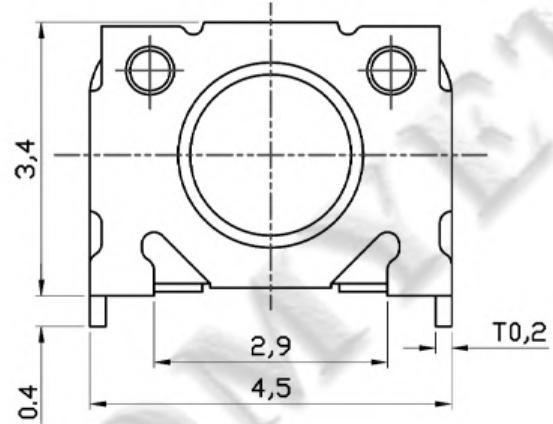
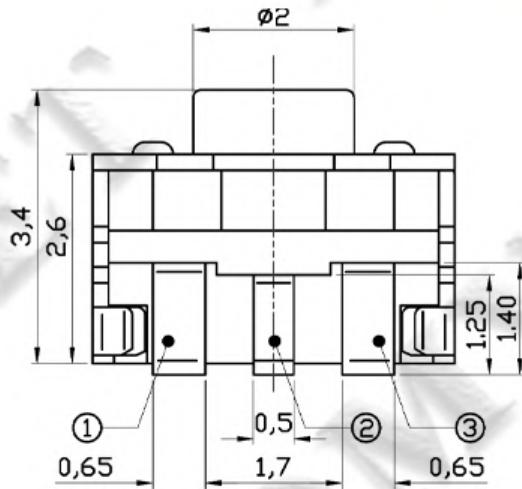
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$180 \pm 50 \text{ gf}$
Operation life	100,000

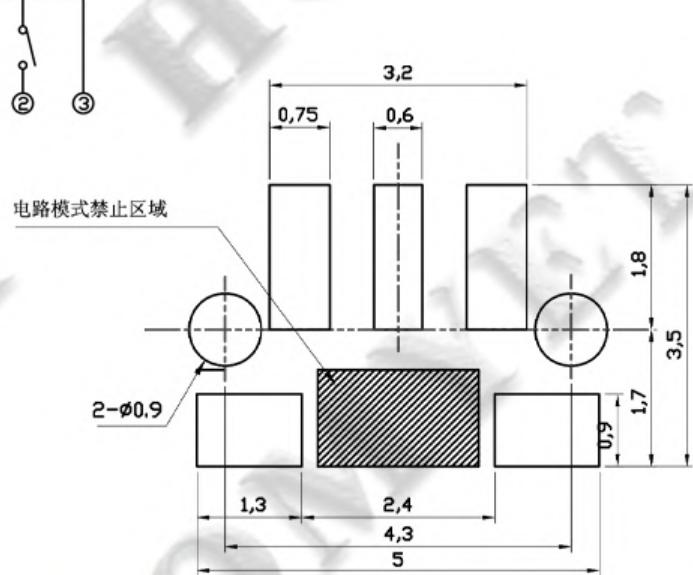
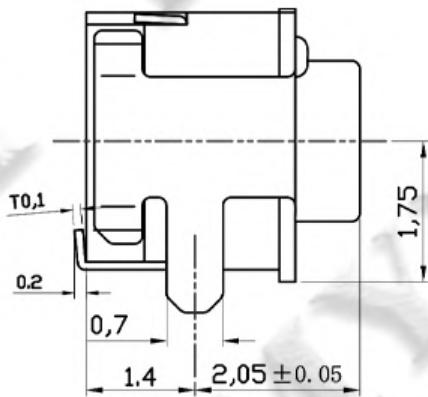
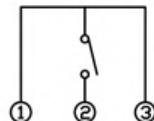


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM

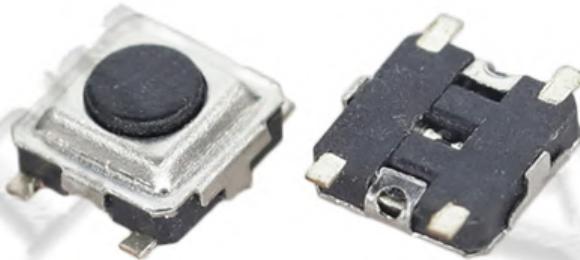


HY-1177



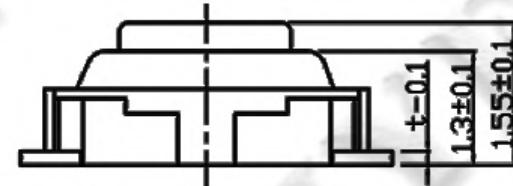
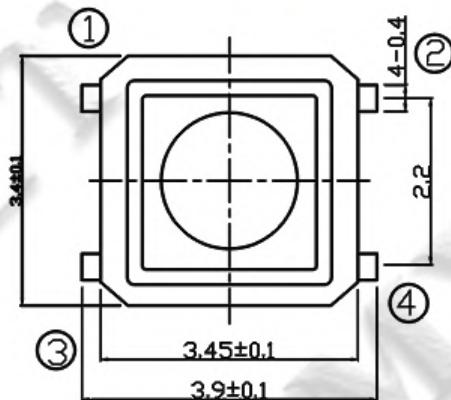
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$160 \pm 30 \text{ gf}$
Operation life	50,000

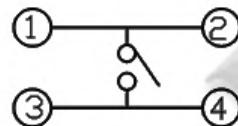


SOLDERING CONDITIONS

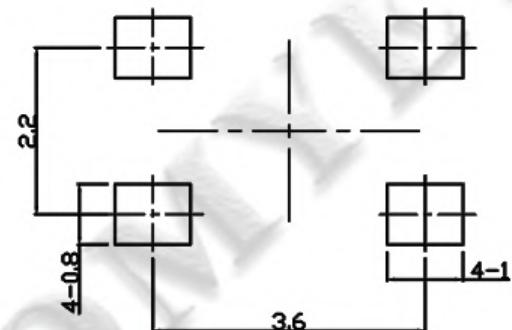
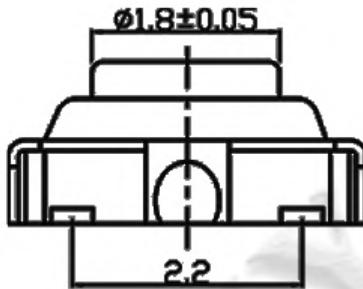
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



Circuit Diagram

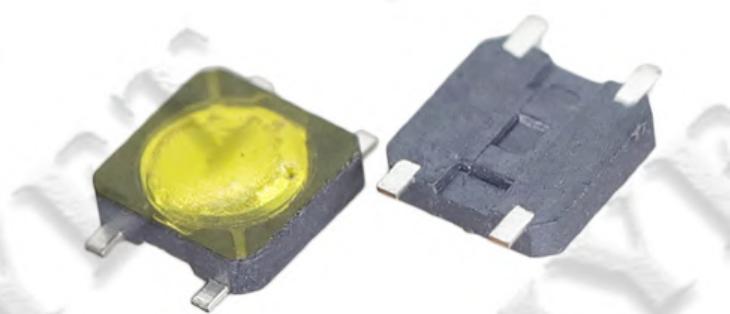


HY-1177W



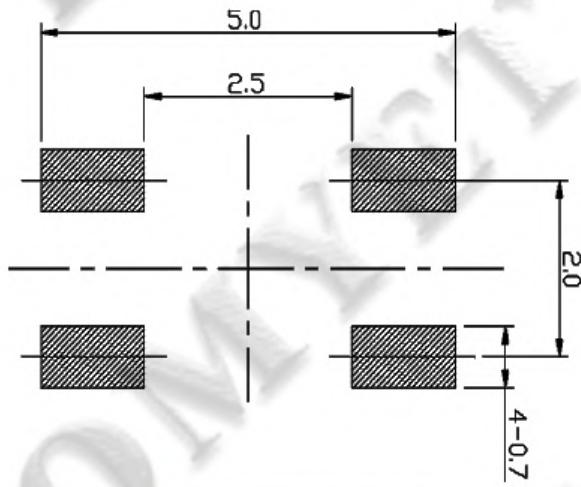
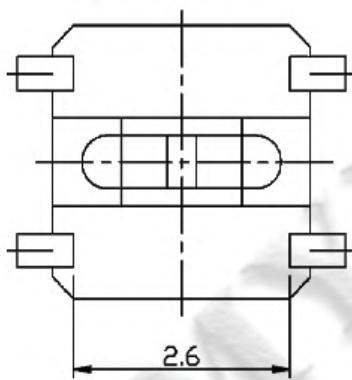
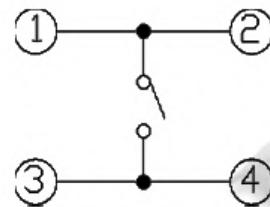
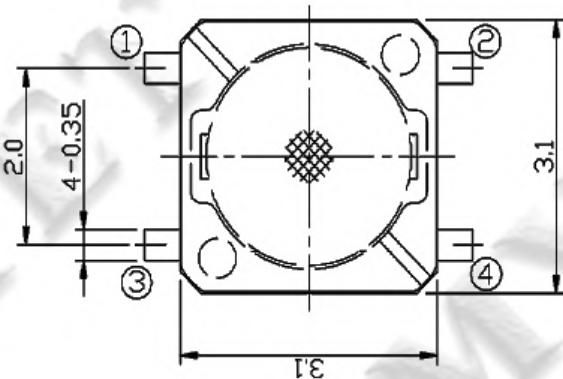
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$180 \pm 30 \text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

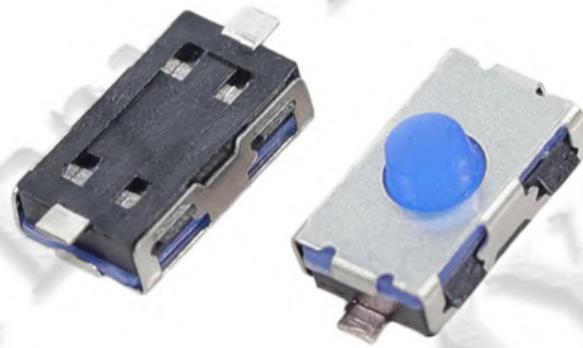


HY-1185L



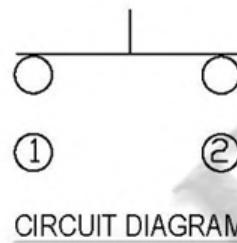
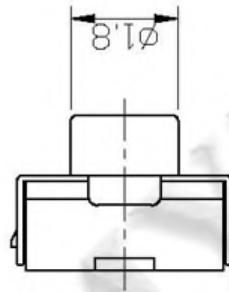
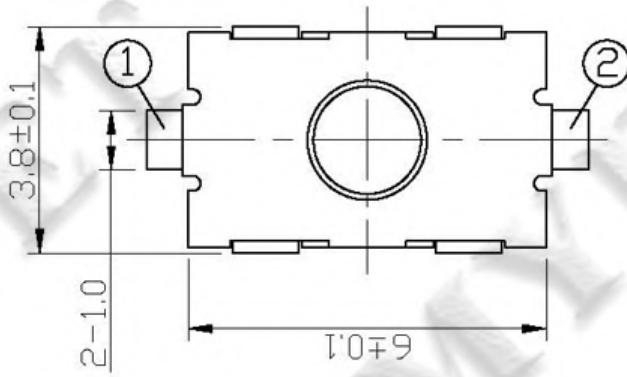
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50 \text{gf}$
Operation life	50,000

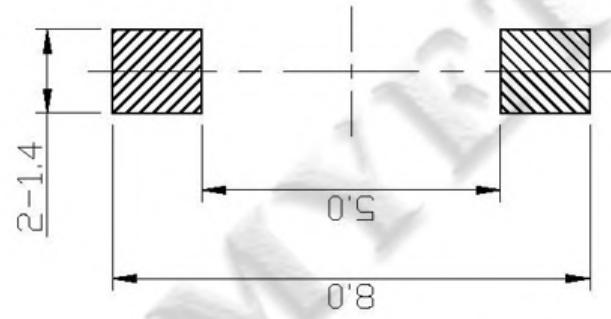
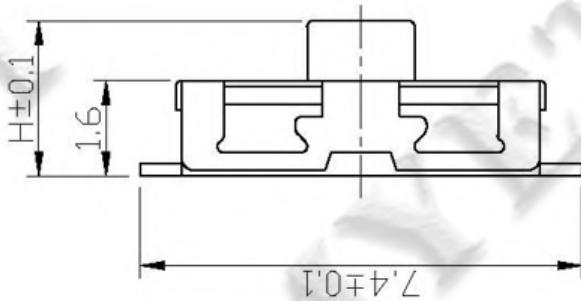


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P.C.B LAND DIMENSION

HY-1185UE



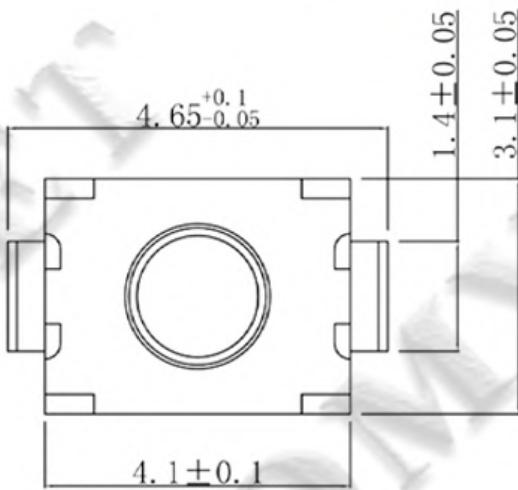
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30\text{gf}$
Operation life	50,000

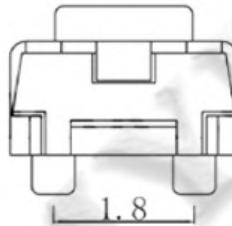
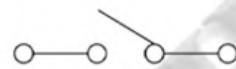


SOLDERING CONDITIONS

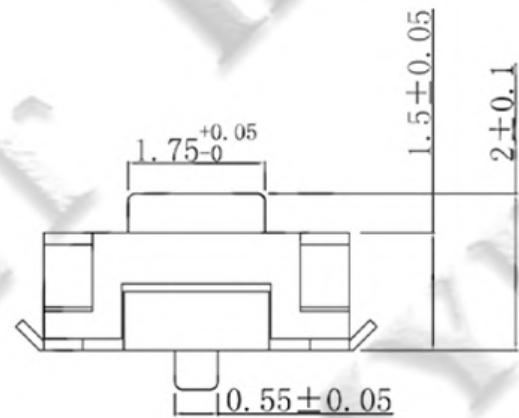
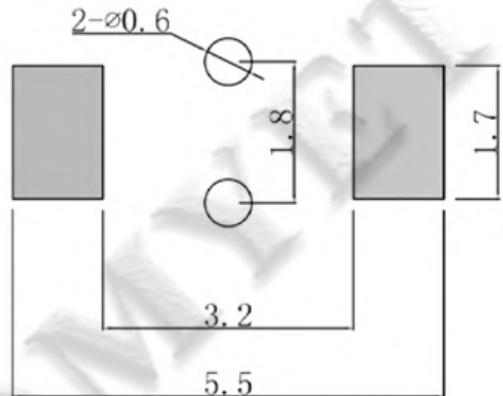
Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



Circuit Diagram



P. C. B. Land Pattern



HY-1186



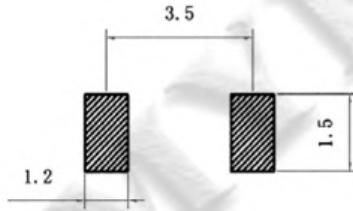
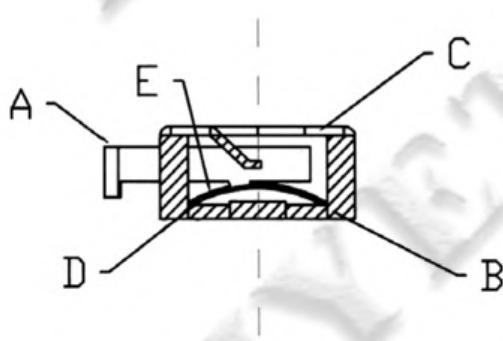
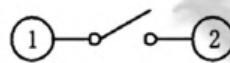
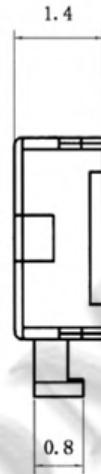
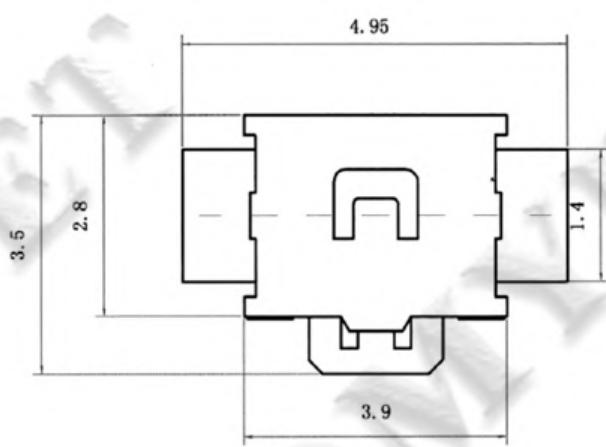
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1187N



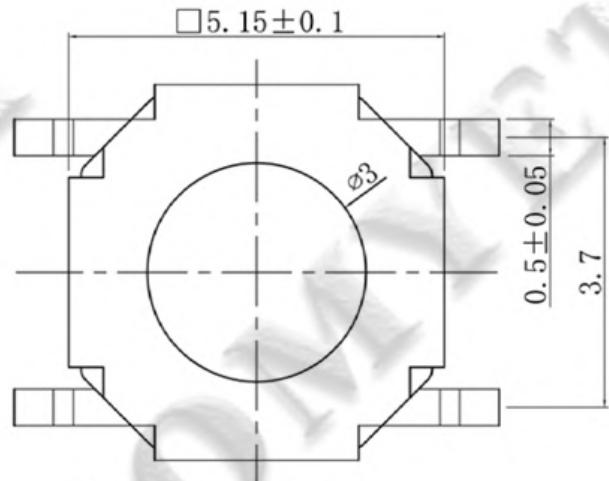
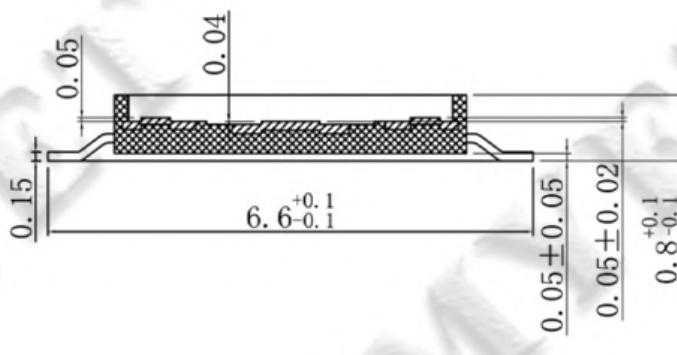
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{ gf}$
Operation life	100,000



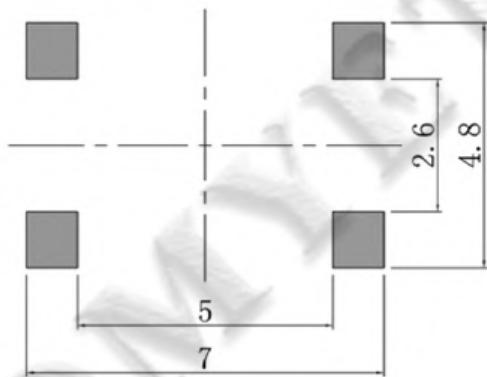
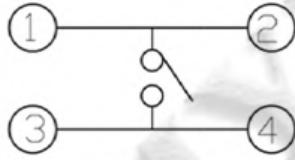
SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P. C. B. Land Pattern

Circuit Diagram

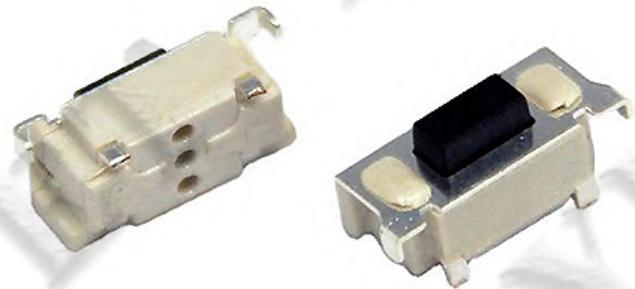


HY-1188



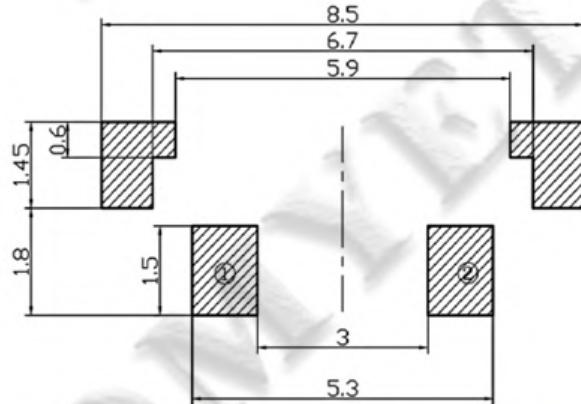
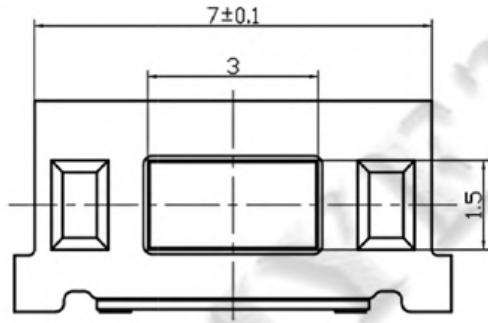
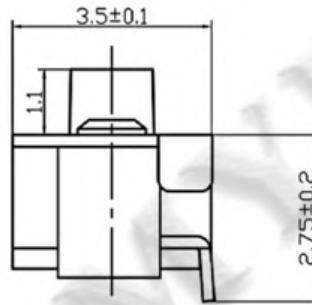
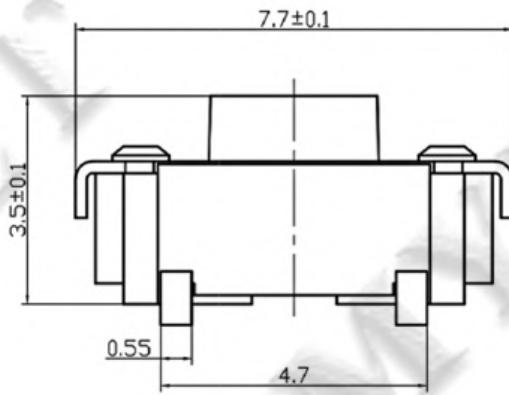
SPECIFICATIONS

Rated Input Current	50mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 200\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 50\text{gf}$
Operation life	50,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

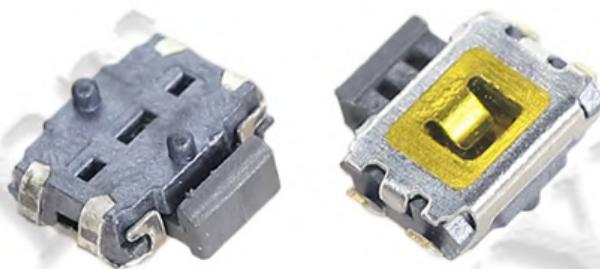


HY-1189UE



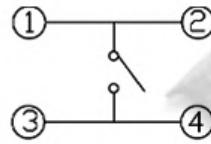
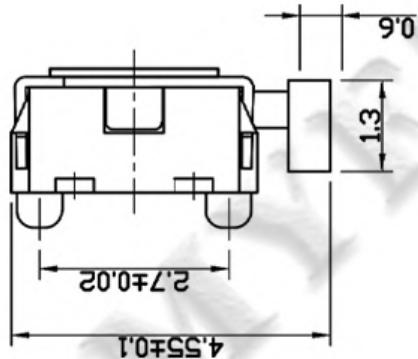
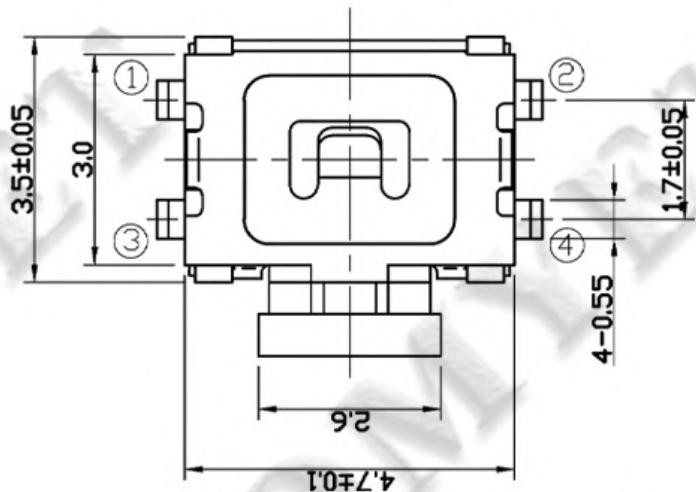
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	180/250 ± 30 gf
Operation life	100,000

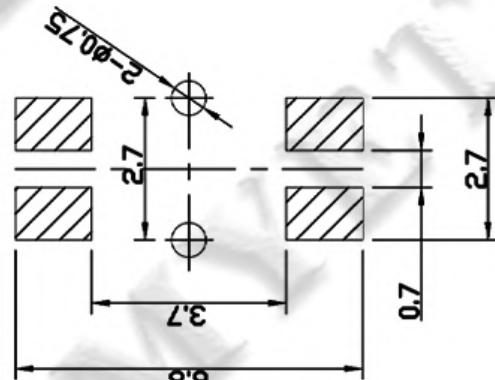
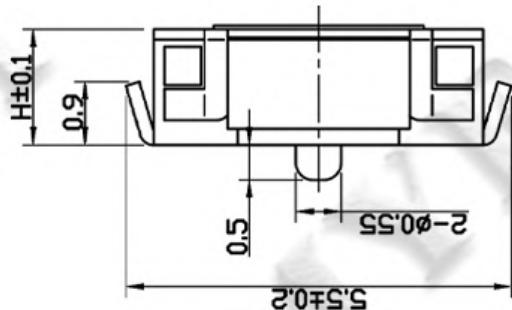


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



CIRCUIT DIAGRAM



P.C.B LAND DIMENSION

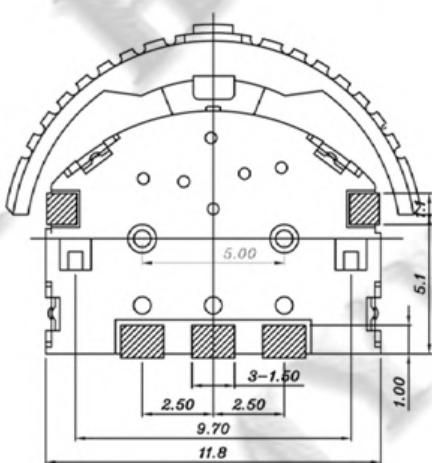
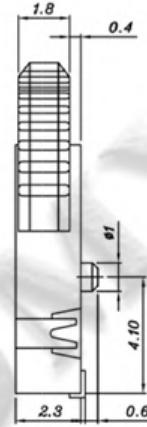
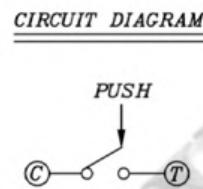
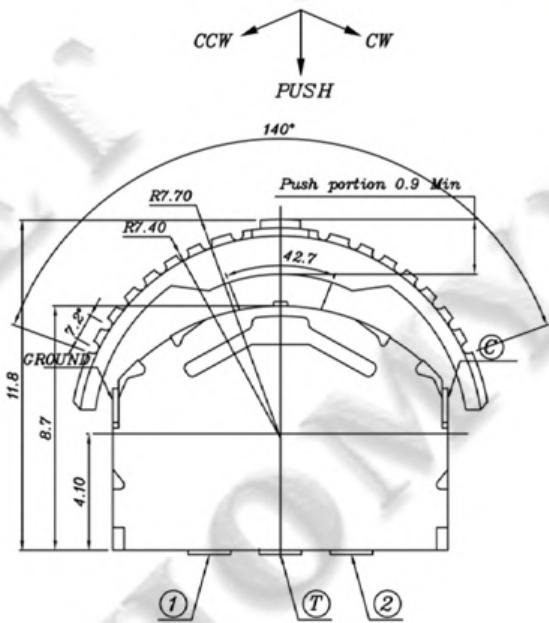
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 30 \text{ gf}$
Operation life	50,000

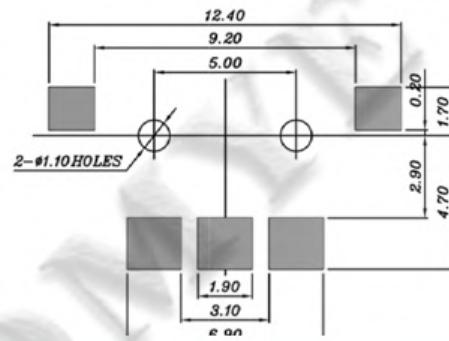


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



SMD REFLOW PATTERN(4/1: ± 0.05)



HY-1305A



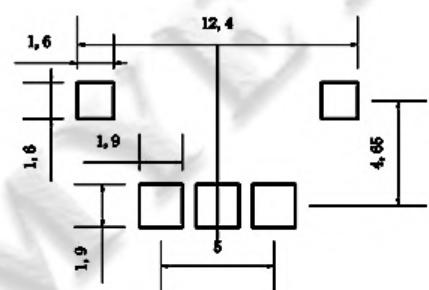
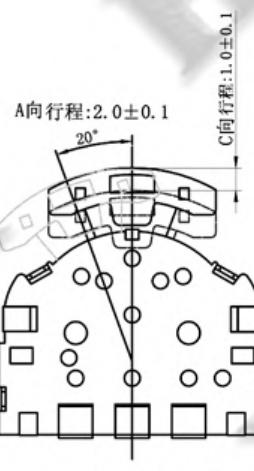
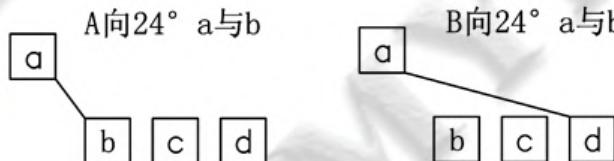
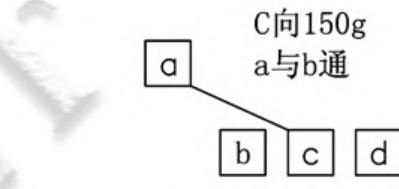
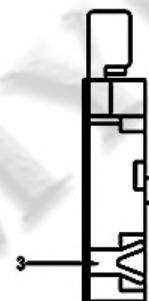
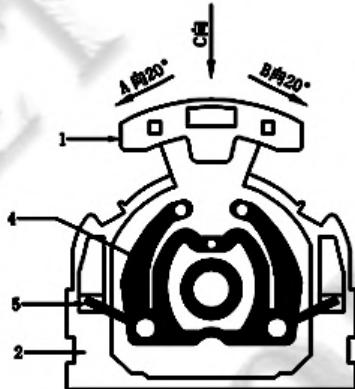
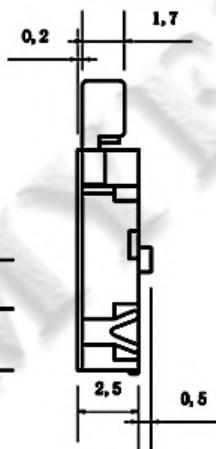
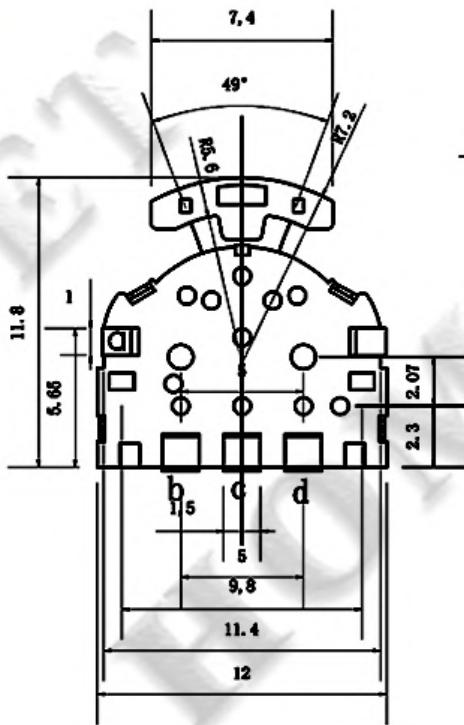
SPECIFICATIONS

Rated Input Current	0.1A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$205\pm 100\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1501



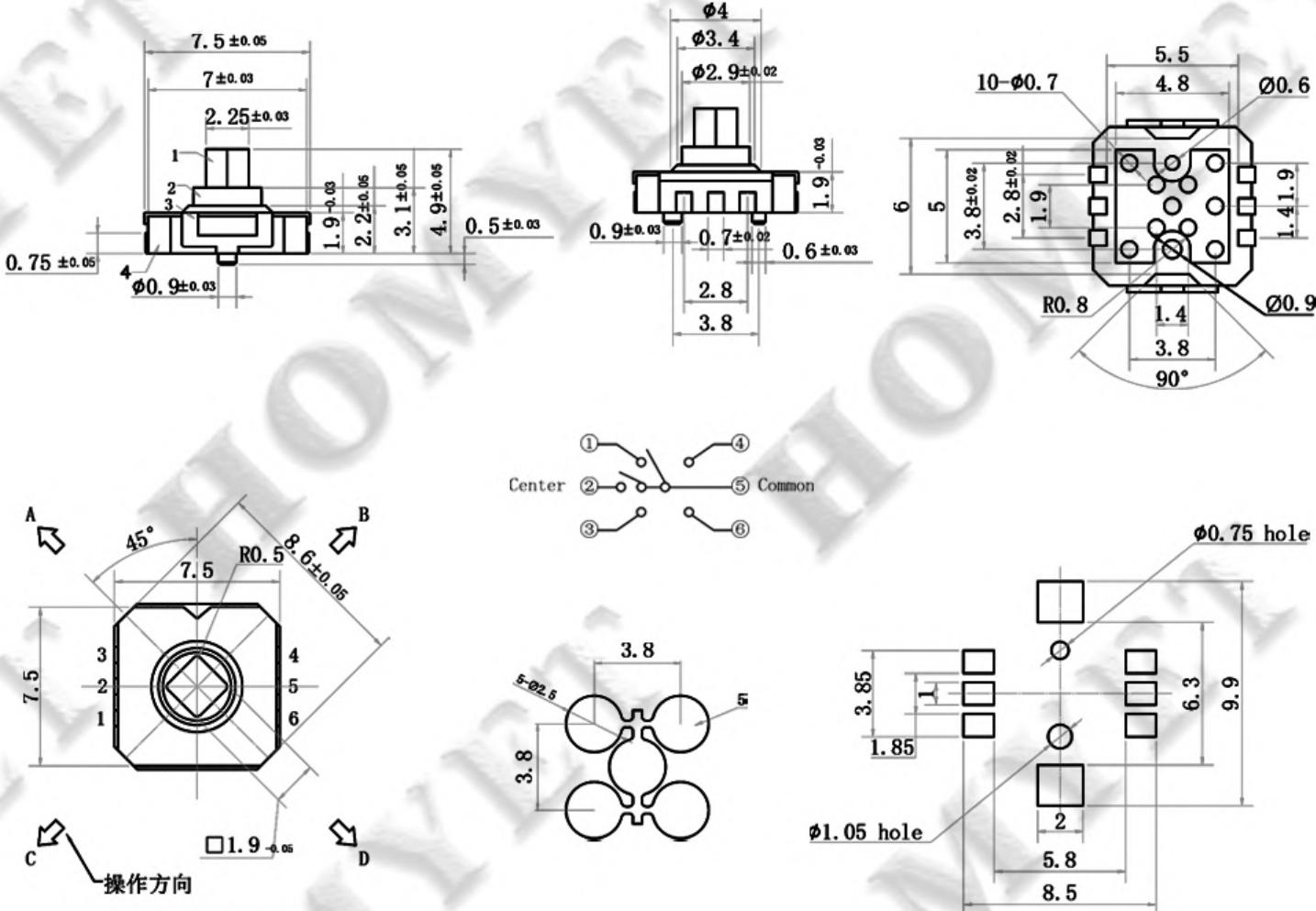
SPECIFICATIONS

Rated Input Current	0.1A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$240 \pm 20 \text{ gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

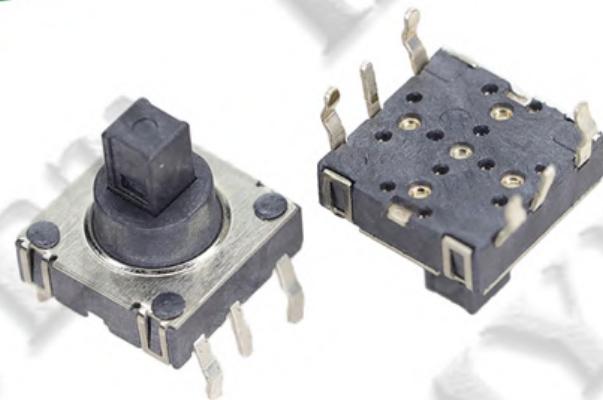


HY-1503



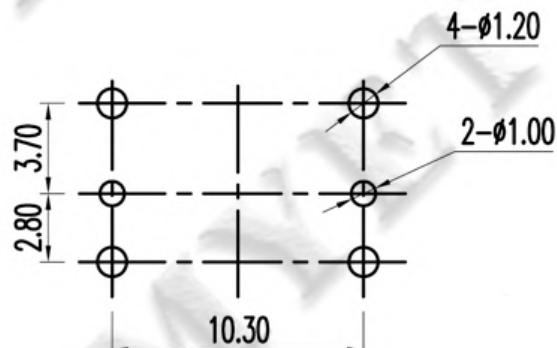
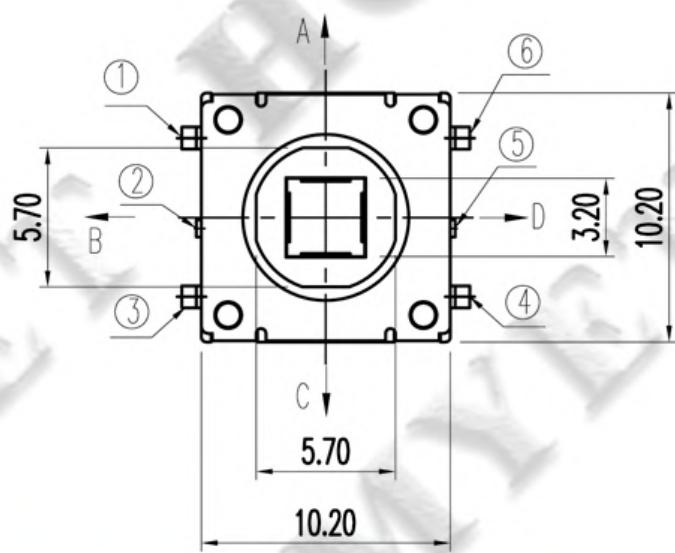
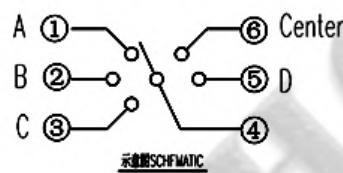
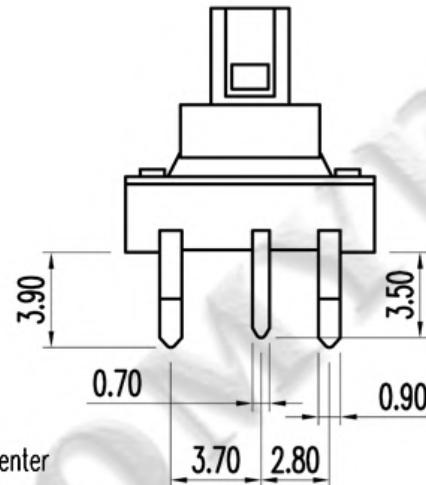
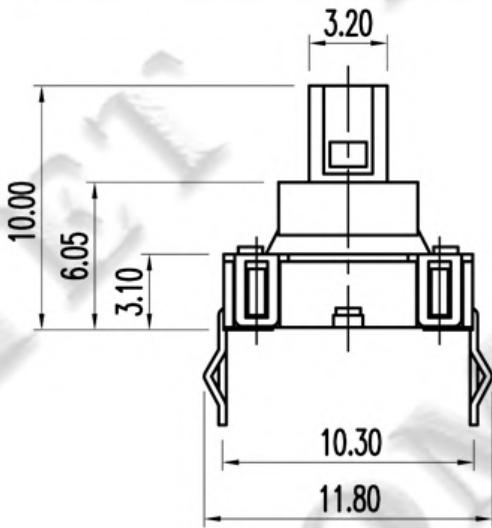
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100\text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$320\pm 100\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



P.C. Board land Dimensions

HY-1512



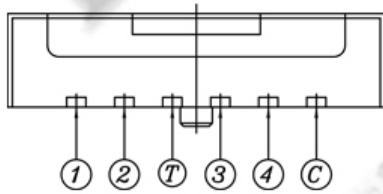
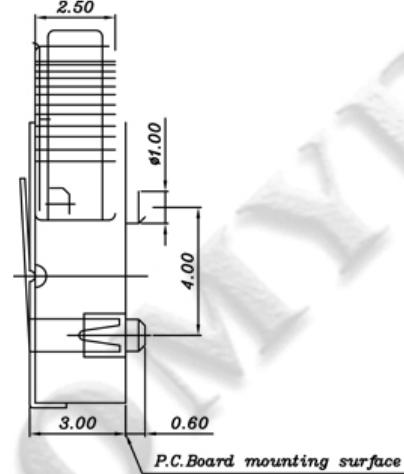
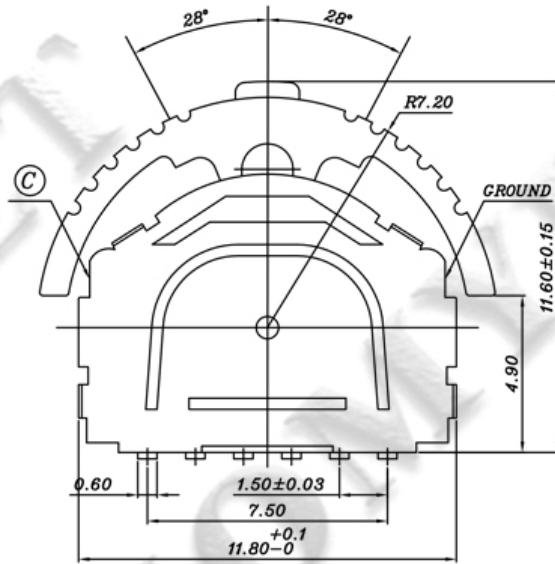
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$200 \pm 100 \text{ gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

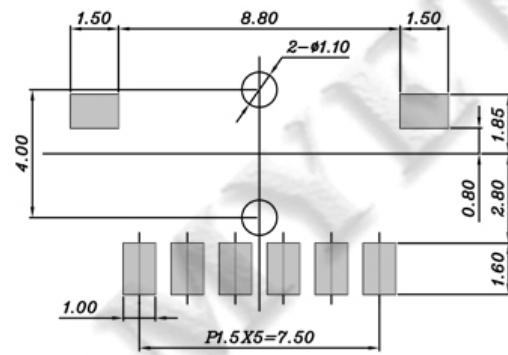


电气原理图

PUSH

 C --- O --- O --- T

P.C.B LAND PATTERN



HY-1515



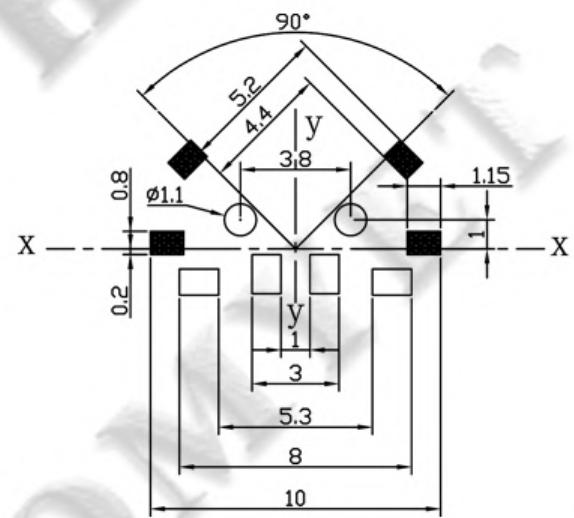
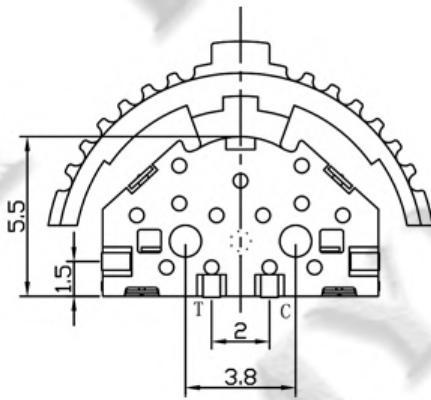
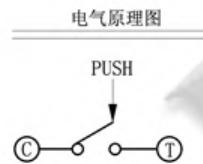
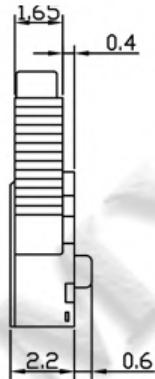
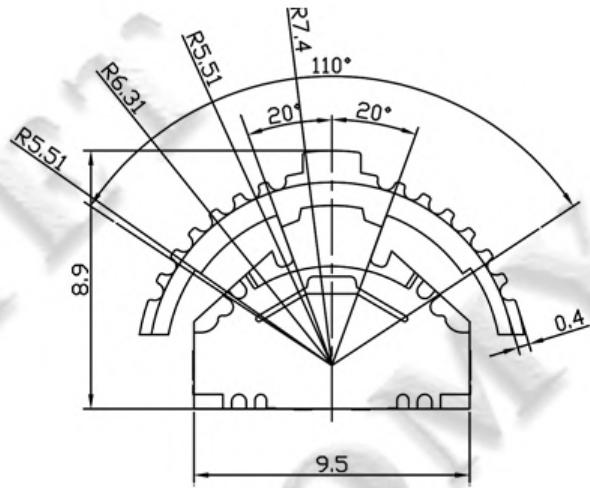
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$200 \pm 100 \text{ gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1516



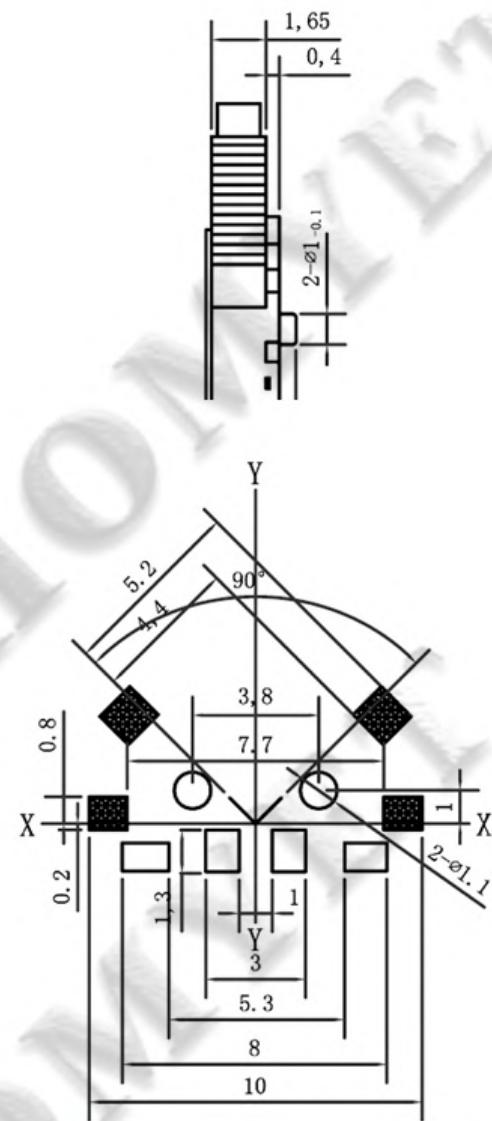
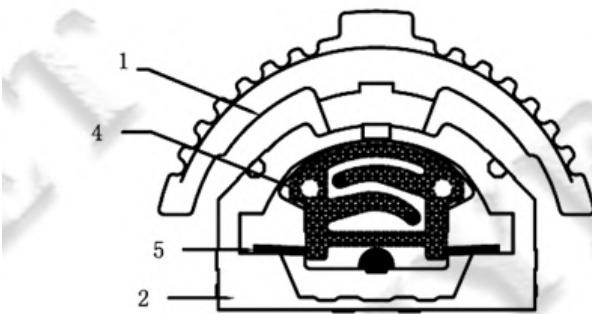
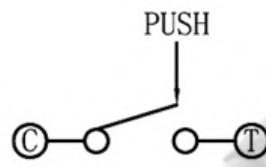
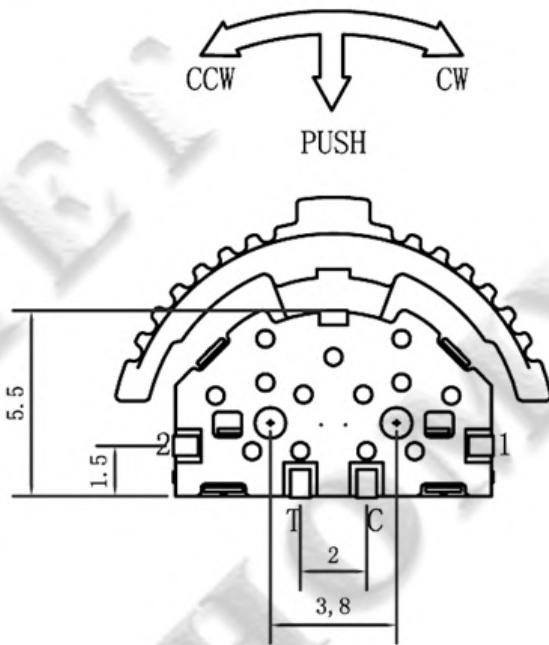
SPECIFICATIONS

Rated Input Current	0.1 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$200\pm50\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



HY-1517



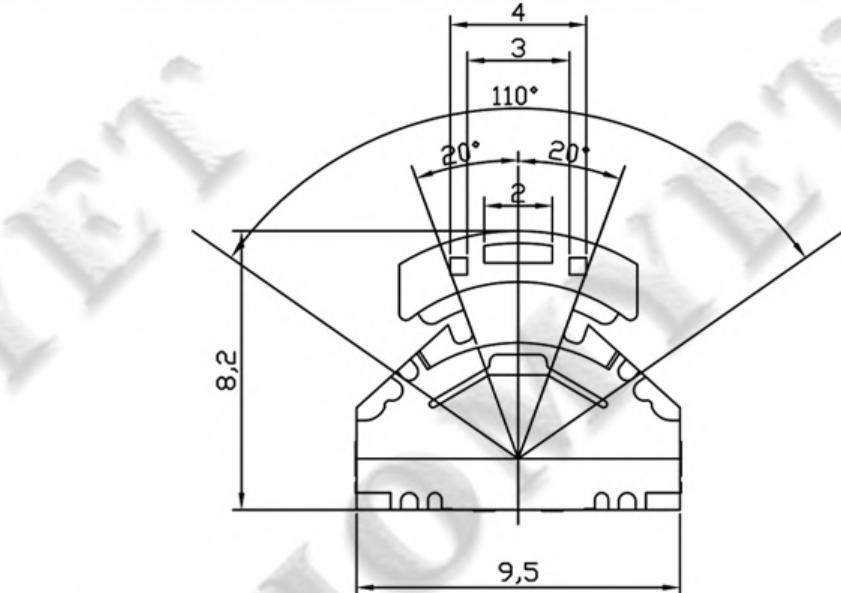
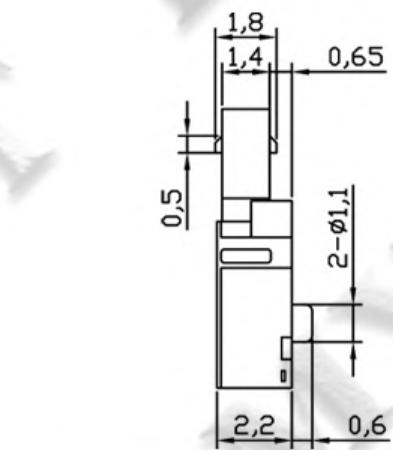
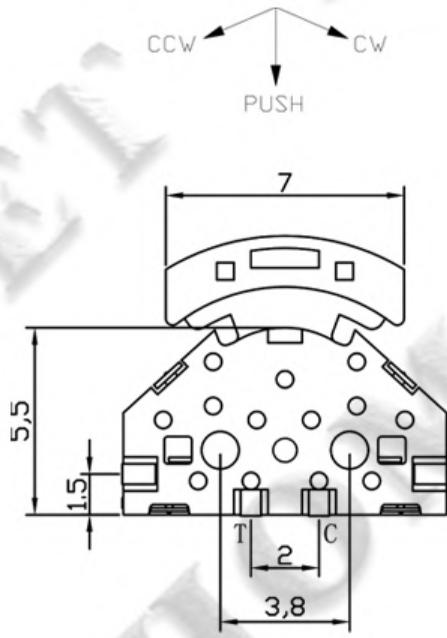
SPECIFICATIONS

Rated Input Current	0.1 A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$200 \pm 50 \text{ gf}$
Operation life	100,000

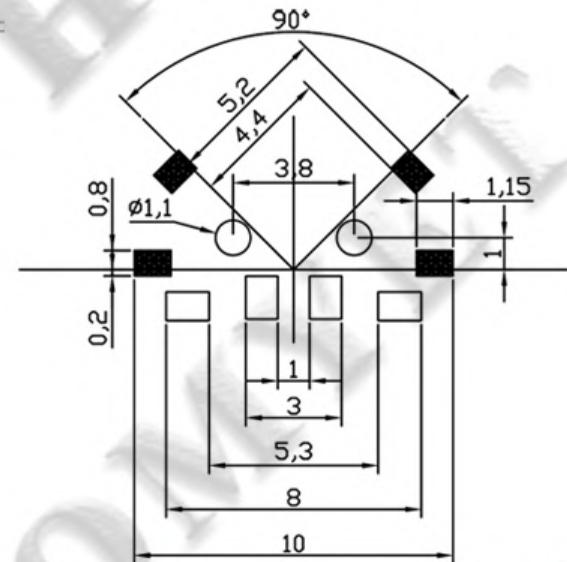
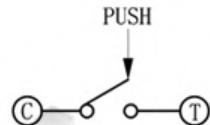


SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



电气原理图

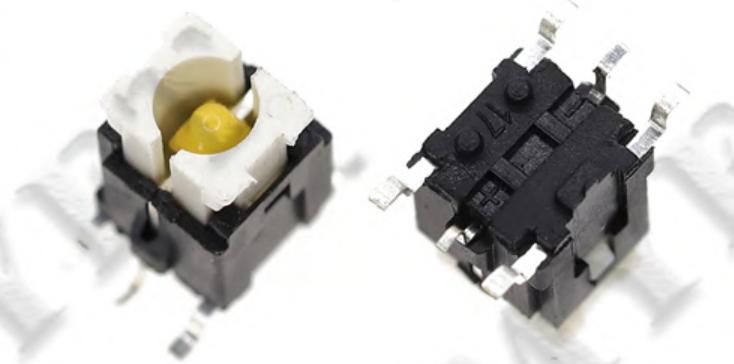


HY-2013



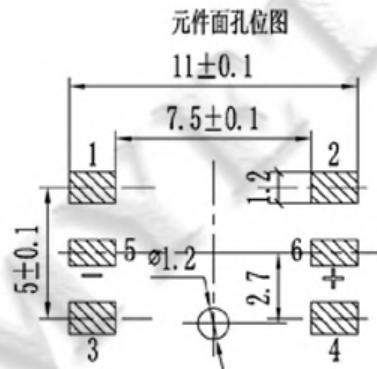
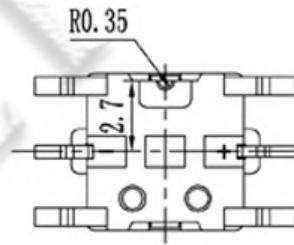
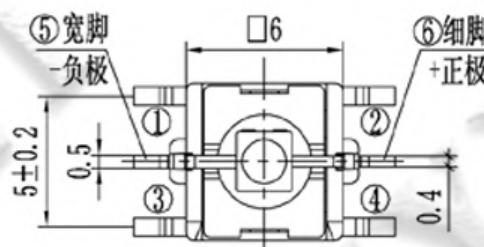
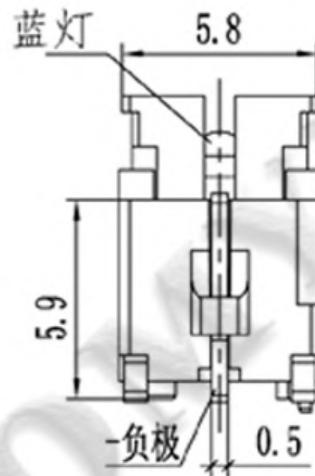
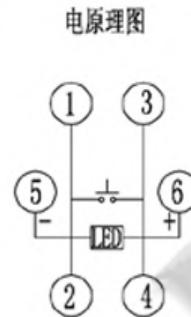
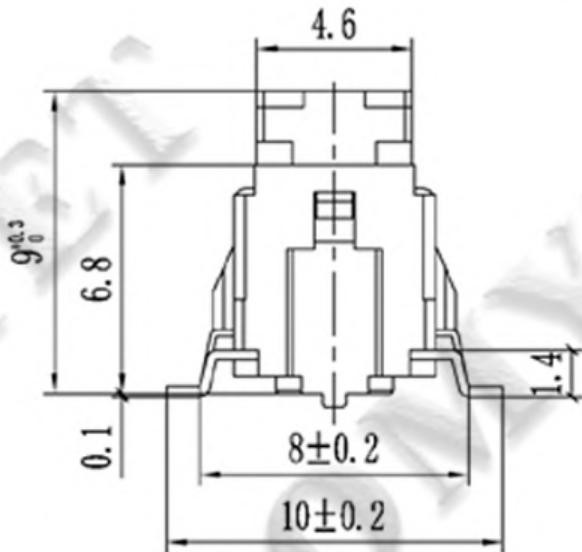
SPECIFICATIONS

Rated Input Current	0.3 A
Rated Input Voltage	DC 30V
Contact Resistance	$\leq 50 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	100V AC/1min
Operating Force	$260 \pm 50 \text{ gf}$
Operation life	80,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

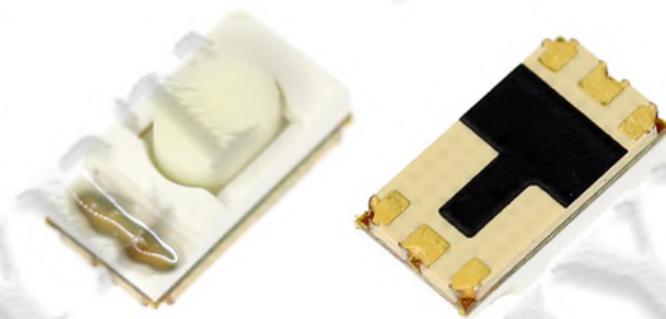


HY-3602L



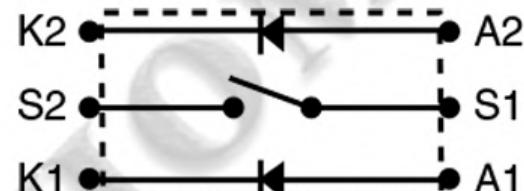
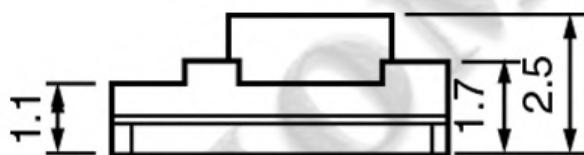
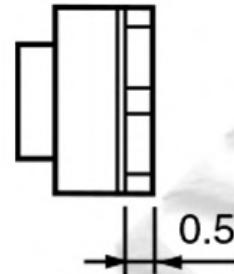
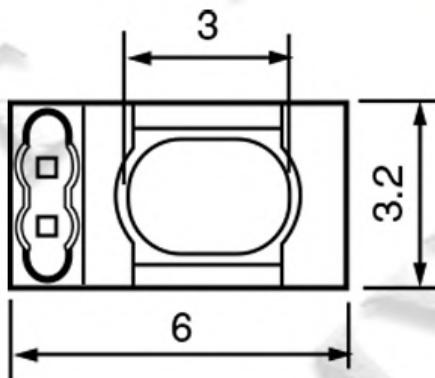
SPECIFICATIONS

Rated Input Current	20 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 50 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$1.76 \pm 0.49 \text{ N}$
Operation life	50,000



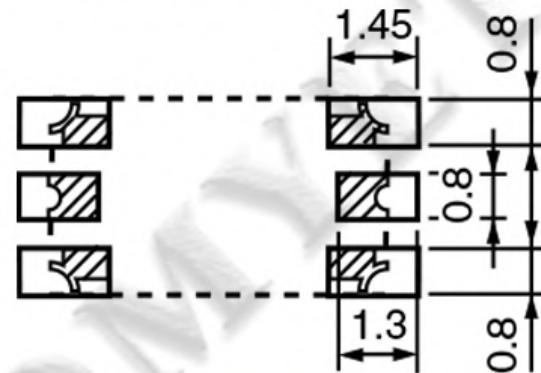
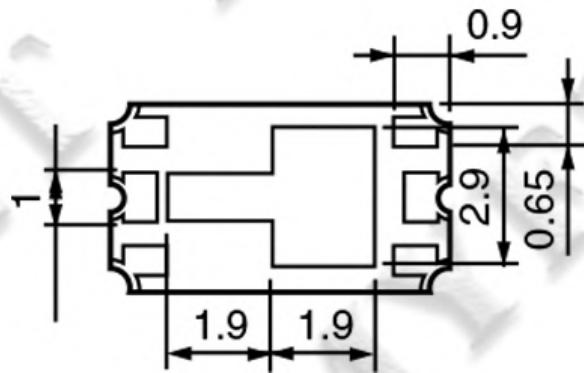
SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



回路図

Circuit diagram

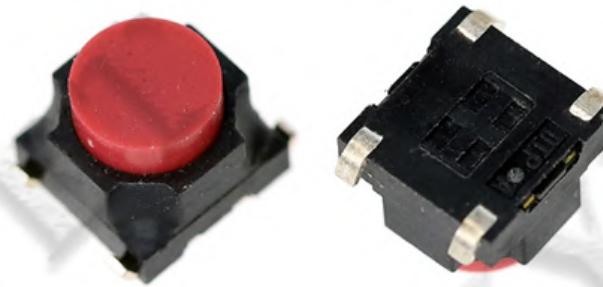


HY-6609



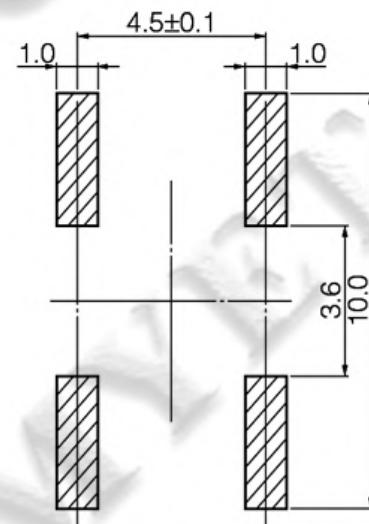
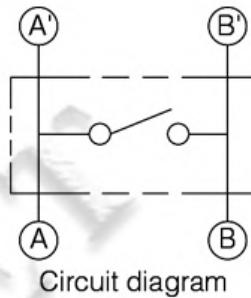
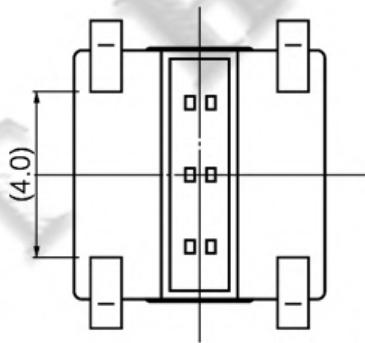
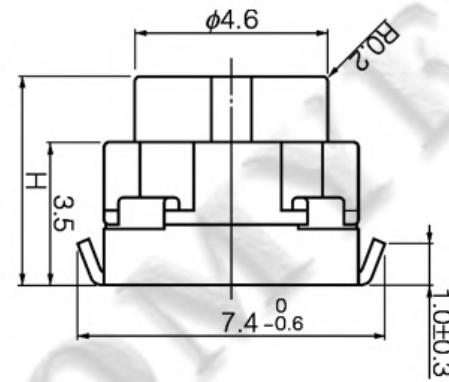
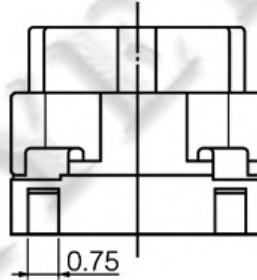
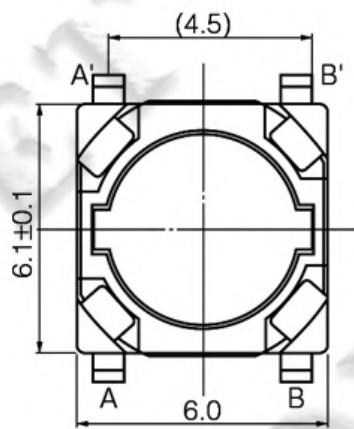
SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$2.5 \pm 0.6 \text{ N}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



PWB land pattern for reference

HY-6650

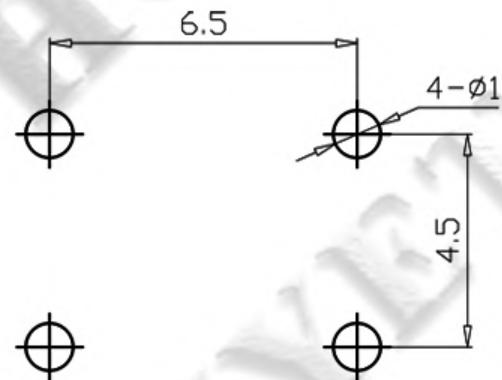
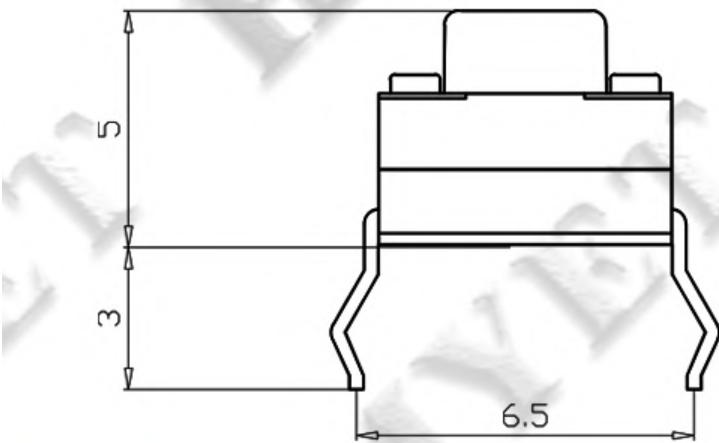
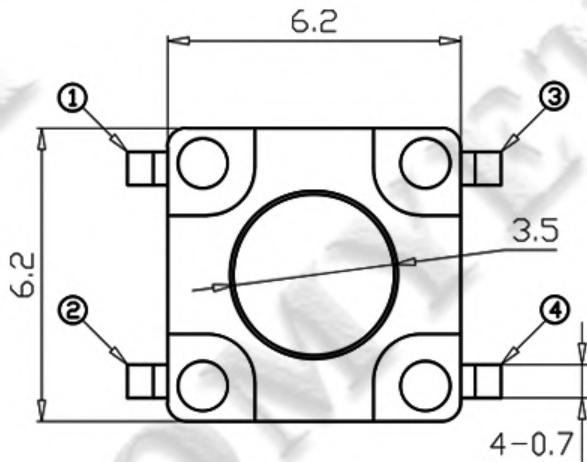

SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250 \pm 50 \text{ gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

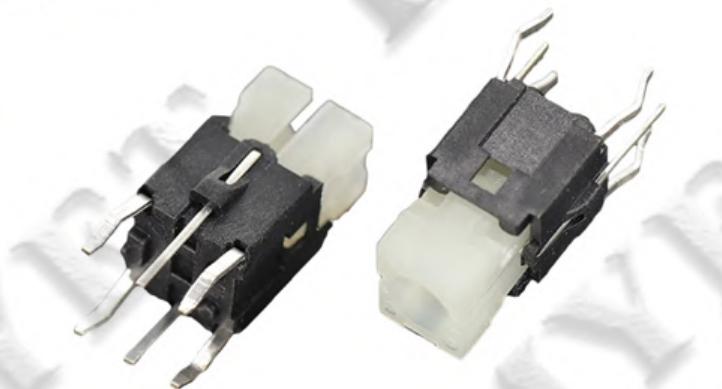


HY-DD6611



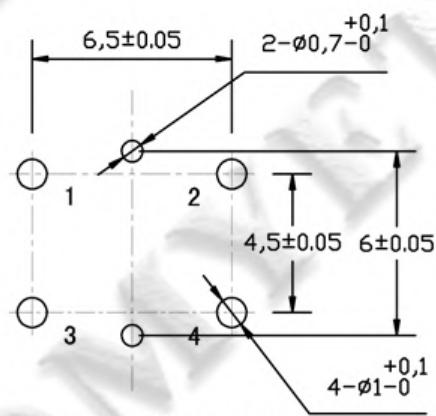
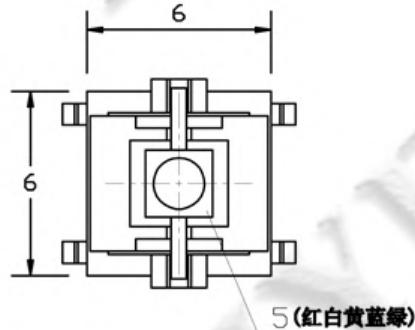
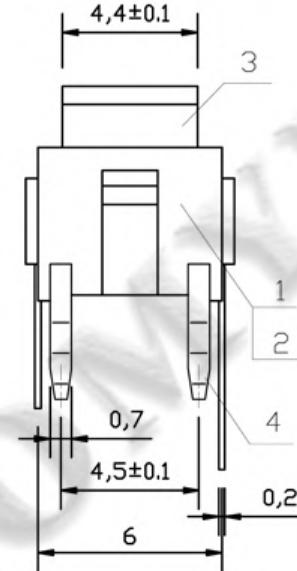
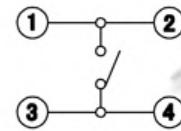
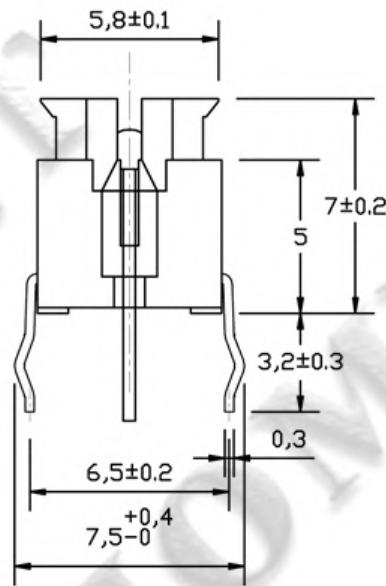
SPECIFICATIONS

Rated Input Current	0.5A
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 25 \text{ m}\Omega$
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$180 \pm 50 \text{ gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)



安装尺寸 (从焊锡面看)

HY-1102HS



SPECIFICATIONS

Rated Input Current	50 mA
Rated Input Voltage	DC 12V
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Dielectric voltage proof	250V AC/1min
Operating Force	$250\pm 40\text{gf}$
Operation life	100,000



SOLDERING CONDITIONS

Hand soldering	(1) Soldering temperature: 350°C Max. (2) Continuous soldering time: 5 s Max.
Automatic soldering	(1) Preheat ---150°C ~ 175°C, 40 ~ 80 sec (2) Peak temperature ---260°C (max) (3) Soldering area temperature ---260°C, 1 ~ 4 sec, 2 times (max)

