## DIRECTORY 目 录

RATING 额定值	 1
PERFORMANCE 性 能	 1
DURABILITY 耐久性	2
DRAWING 图 纸	 6
PACKING 包 装	 7

					Design	Check	Approval	Title
								HY-311S-2
					刘子谦	罗晋	陈继光	Drawing no.
Mark	Date	Desin	Check	Appr				

Page: 1/5

1 RATING (额定值): DC30V 0.5A  2. ELECTRICAL CHARACTERISTICS (电气性能规格):						
NO	ITEM	TEST CONDITIONS	PERFORMANCE			
2.1	CONTACT RESISTANCE 接触电阻	1000Hz MEASURED AT SMALL CURRENT (100mA OR LESS)1000Hz 在微小电流(100mA )以下测试。	30mΩ MAX 30 毫欧以下。			
2.2	INSULATION RESISTANCE 绝缘电阻	APPLY A VOLTAGE OF 250V DC FOR 1 MIN. TO FOLLOWING PORTIONS AFTER WHICH MEASUREMENT SHALL BE MADE:  (1) BETWEEN BODY AND CONDUCTOR  (2) BETWWEN CONDUCTORS NOT TO BE CONTACT  (3) ETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS INSERTED。  输入: 250V DC 电压 1 分钟,按以下接触方法测试:  (1) 插座体与排脚之间  (2) 不接触的排脚之间  (3) 插头插入时不接触排脚之间	100MΩ MIN 100 兆欧以上。			
2.3	DTELECTRIC STRENGTH 耐电压	AC AC 250V IMS(50-60Hz) FOR 1 MIN TRIP CURRENT: 0.5mA  (1) BETWEEN BODY AND CONDOCTOR  (2) BETWEEN CONDUCTORS NOT TO BE CONTACT  (3) BETWEEN CONDUCTORS NOT TO BE WHEN PLUG IS INSERTED.  插入 AC 250V(50-60HZ)电压,1分钟感应电流 0.5m A,接以下接触方法测试:  (1) 插座体与排脚之间  (2) 不接触的排脚之间  (3) 插头插入时不接触排脚之间	WITHOUT DAMAGE TO PARTS ARCING OR BREAKOOWN ETC 没有绝缘破坏等异常			
3. MECHANICAL CHARACTERISTICS (机械性能规格)  CONNECTION FORCE 插入力度  MEASUREMENT SHALL BE MADE AFTER CONNECTING US ING STANDARD PLUG GAUGE 3 TIMES. 依据标准的 PLUG GAUGE 做出 3 次拨插后测定。						

					Design	Check	Approval	Title
								HY-311S-2
					刘子谦	罗晋	陈继光	Drawing no.
Mark	Date	Desin	Check	Appr				

Page: 2/5

NO	ITEM	TEST CONDITIONS	PERFORMANCE
3.1	DISCONNECON FORCE 拉出力度	MEASUREMENT SHALL BE MADE AFTER CONNECTING AND DISCONNECTING USING STANDARD PLUG GAUGE 3 TIMES. 依据标准的 PLUG GAUGE 做出 3 次拨插后测定。	5~25N
3.2	TERMINAL STRENGTH 端子强度	A STATIC LOAD OF 1kgf /cm SHALL BE APPLIED TO THE TERMINAL FOR 1MIN. IN ANY DIRECTION. 排脚前端任意一个方向加 1000gf 力度测,时间为 1 分钟。	THERE SHALL BE NO DAMAGE TO THE TERMINAL SUCH AS CRACKS, LOOSENESS OA PLAY ELECTRICAL AND MECHANICAL CHARACTERISTICS SHALL BE SATISFIED 在排脚中没有裂开,松动等异常。满足于机械,电气性能。
4. DURAE	BILITY (耐久性)	:	
NO	ITEM	TEST CONDITIONS	PERFORMANCE
4.1	SOLDERA- BILITY TEST 可焊性试验	THE TOP OF THE TERMINALS SHALL BE DIPPED 2mm IN THE SOLDER BATH OF 230±5℃ FOR 3±0.5 SECONDS. 端子顶部被浸入锡焊池中 2mm 深,温度为 230±5℃,时间为 3±0.5 秒。	THE AREA OF SOLDERING. SHOULD BE OVER 75%. 焊接面积要有 75%以上。
4.2	RESISTANCE TO SOLDERING HEAT TEST 耐焊性试验	SOLDER BATH METHOD: SOLDER TEMPERATURE 245±5℃ IMMERSION TIME 3±0.5 SEC IMMERSION DEPTH UP TO THE SURFACE OF THE BOARD THICKNESS OF PRINTED WIRING BOARD 1.6mm DIMENSIONS OF COMPONENT HOLES IN THE PRINTED WIRING BOARD SHALLBEING ACCORDANCE WITH THOSE SPECIFIED IN THIS SPECIFICATION.  焊炉焊接的时间温度控制在 245±5℃,过 炉时间 3±0.5 秒,于(基板)厚度为 1.6mm	WITHOUT DEFORMATION OF CASE OR EXCESSTVE LOOSENESS OF TEMINALS ELEXTRICAL CHARACTERISTICS SHALL BE SATISFIED. 本体无变形、能满足于机械、电器性能。

					Design	Check	Approval	Title
								HY-311S-2
					刘子谦	罗晋	陈继光	Drawing no.
Mark	Date	Desin	Check	Appr				

Page: 3/5

NO	ITEM	TEST CONDITIONS	PERFORMANCE
4.3	LIFE TEST 寿命试验	WITHOUT LOAD: CONNECTION AND DISCONNECTION SHALL BE MADE WITH THE MATING PLUGS AND JACKS FOR 5,000 CYCLES AT A SPEED OF 15 TO 20 CYCLES/MIN. 无负荷: 将结合了的标准 plug (尽量要近于中心的) 在 1 分钟内以 15~20 的速度,进行 5,000 次 插入、拨出。	<ul> <li>(1) CONTACT RESISTANCE SHALL BE 100mΩ MAX.</li> <li>(2) MECHANICAL AND ELECTRICAL</li> <li>CHARACTERISTICS SHALL BE SATISFIED.</li> <li>(1)接触电阻不能超于 100mΩ。</li> <li>(2)其他、满足于机械、电器性能。</li> </ul>
4.4	HEAT TEST 耐热试验	THE JACK SHALL BE STORED AT A TEMPERATURE OF 70±5℃ FOR 168 HOURS AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在温度 70±5℃中测试 168 小时后,再放置正常 室温中 1 小时来测定。	THERE SHALL BE NO DAMAGE ON APPEARANCE. MECHANICAL AND ELECTRICAL CHARACTERISTICS SHALL BE SATISFIED. 外观无异常、满足于机械、电器性能。
4.5	COLD TEST 耐冷试验	THE JACK SHALL BE STORED AT A TEMPERATURE OF -30±5℃ FOR 168 HOURS. AND THEN IT SHALL BE SUBJECTED TO THE CONTROLLED RECOVERY CONDITIONS FOR 1 HOUR AFTER WHICH MEASUREMENT SHALL BE MADE. 放置在温度 -30±5℃中 168 小时后,再放置常温常湿中 1 小时来测定。	THERE SHALL BE NO DAMACE ON APPEARANCE. MECEANICAL AND ELECTRICAL
4.6	HIJMIDITY TEST 潮湿试验	THE JACK SHALL BE STORED AT A TEMPERATURE OF 40±2℃ AND A HUMIDITY OF 90% TO 96% FOR 96 Hr THEN THE JACK SHALL BE MAINTAINED AT STANDARD ATMOSPHERIC CONDITION FOR 1 Hr FOR OTHER PROCEDURES. 放置 40±2℃,的相对温度为 90~96%Hr 环境中 96 小时后,再将样板放在正常环境 1 小时后进行测试。	CHARACTERISTICS SHALL BE STISFIED. 外观无异常,满足于机械,电器性能。

					Design	Check	Approval	Title
								HY-311S-2
					刘子谦	罗晋	陈继光	Drawing no.
Mark	Date	Desin	Check	Appr				

Page: 4/5

NO	ITEM	TEST CONDITIONS	PERFORMANCE
4.7	STANDARD ATMOSPHEIC CONDIITIONS 测试标准状态	UNLESS OTHERWISE SPECIFIED THE STANDARD RANCE OF ATMOSPHERIC CONDITIONS FOR MAKING MEASUREMENTS AND TESTS ARE AE FOLLOWS:  (1) AMBIENT TEMPERATURE: 5℃ TO 35℃  (2) RELATIVE HUMIDITY: 45% TO 85%  (3) AIR PRESURE: 86Kpa TO 106Kpa 在没有指定的情况下测试温度、湿度、气压如下:  (1) 温度为 5℃~35℃  (2) 湿度为 45%~85%  (3) 气压为 85Kpa~105Kpa	
4.8	PRACTICAL TEMPE RATURE RANGE 使用温度范围	-40℃~+55℃ 在-40℃~+55℃温度内使用	
4.9	TEMPARATURE CYCLINGTEST 温度循环测试	THE JACK SHALL BE SUB JECTED TO 5 CYCLES OF THE FOLLOWING CONDITIONS SHOWED IN THE FIGURE, AND THEN SHALL RETURNED ALLOWED TO REMAIN IN ROOM AMBIENT CONDITION FOR 30 MINUTES 将插座以下列条件作 5 个循环,然后放回室内环境 30 分钟  1 cycle	THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART. INSERTION & EXTRACTION FORCE:5 TO 25N CONTACT RESISTANCE:MAX.30MΩ INSULATION RESISTANCE:MIN.100 MΩ DIELECTRIC WITHSTANDING VOLTAGE:500VAC/MIN(BETWEEN TERMINALS)产品不能变形与破裂插拔力:5N 至25N接触电阻:最大30mΩ绝缘电阻:最大30mΩ绝缘电阻:最小100 MΩ绝缘耐压:最小500VAC(端子之间)

					Design	Check	Approval	Title
								HY-311S-2
					刘子谦	罗晋	陈继光	Drawing no.
Mark	Date	Desin	Check	Appr				

Page: 5/5

NO	ITEM	TEST CONDITIONS	PERFORMANCE
4.10	HEAT SHOCK TEST 热冲击测试	THE JACK SHALL BE SUBJECTED TO 6 CYCLES OF THE FOLLOWING CONDITIONS SHOWED IN THE FIGURE, AND THEN SHALL RETURNED AND ALLOWED TO REMAIN IN ROOM AMBIENT CONDITION FOR 30 MINUTES 将插座以下列条件作5 个循环,然后放回室内环境30 分钟 TEMP (℃)	THERE SHALL BE NO DEFORMATION OR CRACKS IN MOLDED PART. INSERTION & EXTRACTION FORCE:5TO 25N CONTACT RESISTANCE:MAX.30MΩ INSULATION RESISTANCE:MIN.100 MΩ DIELECTRIC WITHSTANDING VOLTAGE:500VAC/MIN(BETWEEN TERMINALS) 产品不能变形与破裂插拔力:5N 至25N 接触电阻:最大30mΩ 绝缘电阻:最大100 MΩ 绝缘耐压:最小500VAC(端子之间)

					Design	Check	Approval	Title
								HY-311S-2
					刘子谦	罗晋	陈继光	Drawing no.
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