

SHENZHEN XIEJIA ELECTRONICS CO.,LTD. 深圳市协佳电子有限公司		文件编号 发布日期	XJ - SP - 2403 2001年11月8日
SPECIFICATION 规格书		第 A 版	第 1 页 共 2 页
MODEL NO. 产品名称. AS-208			
DRAWN 制订		APVD. 审批	
1. Temperature range : 1.1 Applicable Temperature range: -20°C~ 70°C		1. 温度范围: 1.1 适用的温度范围: -20°C~ 70°C	
2. Appearance, Structure and Dimension: 2.1 Appearance: There should not be any existing rust, crack and bad plating.		2. 外观、结构和尺寸: 2.1 外观: 没有任何生锈, 裂痕及电镀不良影响功能。	
2.2 Structure and Dimension: Reference per attached outline drawing.		2.2 结构和尺寸: 参照有关外形图。	
3. Rating: <u>AC 250 V 2.5A; DC12V 1A</u>		3. 额定值: <u>AC 250 V 2.5A; DC12V 1A</u>	
4. Electrical performance 电气性能			
Item 项目	Test conditions 试验条件	Requirements 规格	
4.1 CONTACT RESISTANCE 接触电阻	Being measured at close circuit. 在闭路状态下测量。	30mΩ MAX. 30 毫欧以下。	
4.2 INSULATION RESISTANCE 绝缘电阻	Measure the insulation resistance between any parts of the socket by 500V megger. 用 500V 摇表测量插座任意两个部件之间的绝缘电阻。	100MΩ MIN. 100 兆欧以上。	
4.3 WITHSTAND VOLTAGE 耐电压	AC 4,000V(50~60Hz) for one minute; 施加 AC 4,000V(50~60Hz)负载持续 1 分钟。	shall be free from dielectric breakage. 无击穿现象出现。	
5. Mechanical Performance 机械性能			
5.1	INSERTION FORCE 插入力度		IN: 1500~4500gf 插入力: 1500~4500gf
	WITHDRAWAL FORCE 拔出力度		OUT: 1200~4000gf 拔出力: 1200~4000gf
6. DURABILITY 耐久性			
6.1	LIFE TEST 寿命试验	Insertion and extraction shall be made with the mating plug for 5,000 cycles at a speed of 15~20 cycles per minute with a load of AC 250V 2.5A. 在 AC 250V 2.5A 负载条件下(用匹配插头)以每分钟 15~20 次的速度进行 5,000 次插入、拔出。	(1) Contact resistance: 1000mΩ MAX. 接触电阻:1000 毫欧以下。

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			(2) Change of operating force: 操作力变化:
6.2	COLD AND HEAT TEST 冷热试验	The socket was placed in the hot and cold chamber with the temperature of 60 ~ -10°C respectively and duration of one hour alternatively and 15 minute break each , after 6 hours of this testing, the socket was placed in room condition with a period of one hour. It fulfilled with item 4.1,4.2 and 4.3. 将插座分别交替置于温度为 60 ~ -10°C 的温室和冷室内 1 个小时, 每次交替中间暂停 15 分钟。在此试验进行 6 小时后, 将插座置于常温条件下 1 小时, 再进行 4.1,4.2 和 4.3 项的电气性能试验。	Without harmful damage in appearance, mechanical & electrical characteristics shall be satisfied. 外表未被破坏, 机械及电气性能可被满足。
6.3	HUMIDITY TEST 潮湿试验	The socket was placed in the humidity chamber at temperature of 40°C and relative humidity at 93% for a period of 96 Hrs. Then it returned and allowed to remain at room condition for a period of 30 minutes, and blew off any water drops on the surface of the jack by air. It performed satisfactory per item 4.1,4.2 and 4.3. 将插座置于温度为 40°C, 相对湿度为 93% 的潮湿室内 96 小时, 然后取出, 允许保存在室温条件下 30 分钟, 再用风吹干插座表面的水珠。电气性能正常, 满足 4.1,4.2 和 4.3 项的要求。	
6.4	Endurance Test 耐久性试验	The socket was put in the hot chamber in plug-in condition at 60°C for a period of 48 hours. Then it returned & remained at room conditions for another two weeks. The contact ability of the socket was checked immediately when the plug was pulled out. It performed properly w/o any time-delay-contact. 将插有插头的插座置于 60°C 的温室内 48 小时, 然后取出置于室温条件下两周。拔出插头后立即对插座的接触能力进行检查, 插座应工作正常无任何延时接触。	