



REV.	ECN NO.	DATE
1.0	000001	2001-11-11

MOD SOC VERT4-4 USA

TOLERANCES	Material:	SEE_NOTE	Designed:	NAME:	5222 4P (4P4C)
00-15 ± 0.15	材 质		设 计	名 称	
15-30 ± 0.20	Finish:	SEE_NOTE	Checked:	DWG NO:	
30- ± 0.25	电 镀		审 核	图 号	
ANGLES ±1°	SHEET	1 OF 1	Approved:	PART NO:	01
		第 1 页 共 1 页	核 准	料 号	

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- 环境特性:**
1. 储存温度: -40° C +85° C. 相对湿度 <80%.
 2. 工作温度: -40° C +85° C
- 电气特性:**
1. 额定电压: 125 VAC RMS
 2. 额定电流: 1.5 AMPS@25° C
 3. 接触电阻: 20mΩ MAX.
 4. 绝缘电阻: 1000 MΩ MIN @500 VDC
 5. 耐压强度: 1000 VAC RMS, contact to contact or 1500VDC, contact to screen and test panel @0.5mA 50Hz or 60Hz 1 min.
- 机械特性:**
1. 外壳材质: PBT, UL94V-0;
 2. 圆针材质: 磷青铜, Ø0.46mm;
 3. 圆针电镀: 镍底, 表面全部镀金;
 4. 插入/拔出力: 30N Max.
 5. 配合强度: 50N for 60s ± 5s.
 6. 使用寿命: 最少 7500 次插拔.

- ENVIRONMENTAL:**
1. STORAGE TEMPERATURE : -40° C +85° C RELATIVE HUMIDITY <80%
 2. OPERATION TEMPERATURE : -40° C +85° C
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.**

- NOTES:**
- ELECTRICAL:**
1. VOLTAGE RATING : 125 VAC RMS.
 2. CURRENT RATING : 1.5 AMPS@25° C
 3. CONTACT RESISTANCE : 20 mΩ MAX.
 4. INSULATION RESISTANCE : 1000 MΩ MIN @500VDC.
 5. WITHSTAND VOLTAGE : 1000 VAC RMS, contact to contact or 1500VDC, contact to screen and test panel @0.5mA 50Hz or 60Hz 1 min.
- MECHANICAL:**
1. HOUSING/INSERT & MATERIAL : PBT UL94V-0.
 2. CONTACT MATERIAL : PHOSPHOR BRONZE Ø0.46mm.
 3. CONTACT PLATING : GOLD PLATING OVER NICKEL.
 4. MATING/UNMATING FORCE: : 30N Max..
 5. RETENTION STRENGTH : 50N for 60s ± 5s.
 6. DURABILITY : 750 CYCLES MIN.

- PC BOARD LAYOUT**
 THICKNESS=1.6mm