



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)
P.C.B THICKNESS=1.60MM (TOLERANCE=±0.05)

电气特性

1. 额定电压: 125 VAC RMS
2. 额定电流: 1.5 AMP
3. 接触电阻: 20 mΩ MAX
4. 绝缘电阻: 1000 MΩ MIN. @500 VDC
5. 耐压强度: 1000 V AC 或 1500V DC RMS @ 0.5mA 50 Hz 或 60 Hz 一分钟

机构特性:

1. 塑壳材质: 见表格
2. 扁针材质: 磷青铜, 厚度0.35MM
3. 扁针电镀: 接触区镀金, 全区镀镍底30U MIN., 剥头电镀雾锡100U MIN.
4. 可靠性: 最少750次插拔:
5. 插入/拔出力: 30N/3.06KG MAX.
6. 配合强度: 50N 60S±5S.

环境特性

1. 储存温度: -40°C~+85°C
2. 储存时间: 12个月
3. 工作温度: -40°C~+85°C
4. 波峰焊温度: 260±5°C 5~10S

SPECIFICATION NOTES:

- ELECTRICAL:**
1. VOLTAGE RATING: 125 VAC RMS
 2. CURRENT RATING: 1.5 AMP
 3. CONTACT RESISTANCE: 20mΩ MAX.
 4. INSULATION RESISTANCE: 1000MΩ MIN. AT 500V DC.
 5. DIELECTRIC STRENGTH: 1000 V AC OR 1500V DC RMS AT 0.5mA 50 Hz / 60 Hz FOR 1 MINUTE
- MECHANICAL:**
1. HOUSING&INSERT&MATERIAL:SEE TABLE
 2. CONTACT MATERIAL:PHOSPHOR BRONZE T=0.35MM
 3. PLATING:GOLD PLATING AT CONTACT AREA, MATTE TIN AT TAIL 100U MIN., NICKEL 30U MIN. OVER ALL.
 4. OPERATING LIFE:750 CYCLES MIN.
 5. MATING/UNMATING FORCE: 30N/3.06KGf MAX.
 6. RETENTION STRENGTH:50N MIN.FOR 60S ±5S
- ENVIRONMENTAL:**
1. STORAGE:-40° C TO +85° C RELATIVE HUMIDITY<80%
 2. GUARANTEE PERIOD:12 MONTHS
 3. OPERATION: -40° C TO +85° C
 4. WAVE SOLDERING TEMPERATURE: 260 ±5° C 5~10 SECONDS. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

带★”尺寸为重点管控尺寸

RoHS COMPLIANT

Coorle Technology

TOLERANCES 公差
00~15 ±0.15
15~30 ±0.20
30~ ±0.25
ANGLES: ±1°

Material: 材质	普通PBT黑 (环保料)
Finish: 电镀	
SHEET 1 OF 1 第 1 页 共 1 页	

Designed: 设计	
Checked: 审核	
Approved: 核准	

NAME: 名称	5521-A双胞 6P6C系列
DWG NO. 图号	CL5521A66
PART NO. 料号	
REV. 版本	

第一视角	A4 SIZE	SCALE 比例 1:1	UNIT 单位 mm	CUSTOMER: 客户 MODEL NO: 料号	N/A N/A
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