



RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCE ±0.05

REV	更改内容	DATE	制图	审核
A	版面发行	2012/10/29	JDL	Oscar

NOTES:

- ELECTRICAL:**
- 1. VOLTAGE RATING : 125 VAC RMS.
  - 2. CURRENT RATING : 1.5 AMP.
  - 3. CONTACT RESISTANCE : 50 MILLIOHMS MAX.
  - 4. INSULATION RESISTANCE: 500 MEGOHMS MIN @ 500 VDC.
  - 5. DIELECTRIC STRENGTH : 500 VAC RMS 50HZ, 1MIN.

- MECHANICAL:**
- 1. HOUSING MATERIAL : NYLON(PA46)+30%G.F UL94V-0.
  - 2. CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35mm (55210)
  - 3. PLATING : GOLD-PLATED IN THE CONTACT AREA
  - 4. SHIELD COPPER ALLOY(OR STEEL ALLOY) 0.20mm THICKNESS
  - 5. OPERATING LIFE : 750 CYCLES MIN.
  - 6. PCB RETENTION PRE-SOLDER : 1 LB MIN.
  - 7. PCB RETENTION POST-SOLDER: 10 LBS MIN.

- ENVIRONMENTAL:**
- 1. STORAGE : -40°C TO +85°C.
  - 2. OPERATION: 0°C TO +70°C.
  - 3. IR REFLOW PEAK SOLDERING TEMPERATURE:255°C~265°C 5~10 SECONDS.
  - 4. ROHS COMPLIANT
  - 5. FCC PART 68 SUBPART F.
- MATES WITH MODULAR PLUG CONFORMING TO

PART NUMBER: SMT-E-S1108-H13X

- GOLD PLATING U" 1-FU" 2-2U" 3-3U" 4-6U"
- 5-15U" 6-30U"
- PLASTIC MATERIAL&COLOR:Black/Black/Yellow/Gray
- 1-PA46 Black
- 2-PA46 Black
- 3-1CP Black

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DIMENSION IN mm [Inch]		TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X±0.20	X".± 1"	.XX±0.15	.X".± 0.5"
.XXX±0.075			

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:Cp/Cpk and SPC Control Item

:Inspection Item

OSCAR

SCALE 1:1

SIZE A3

REV 1

