

**SPECIFICATIONS :**

**1. ELECTRICAL :**

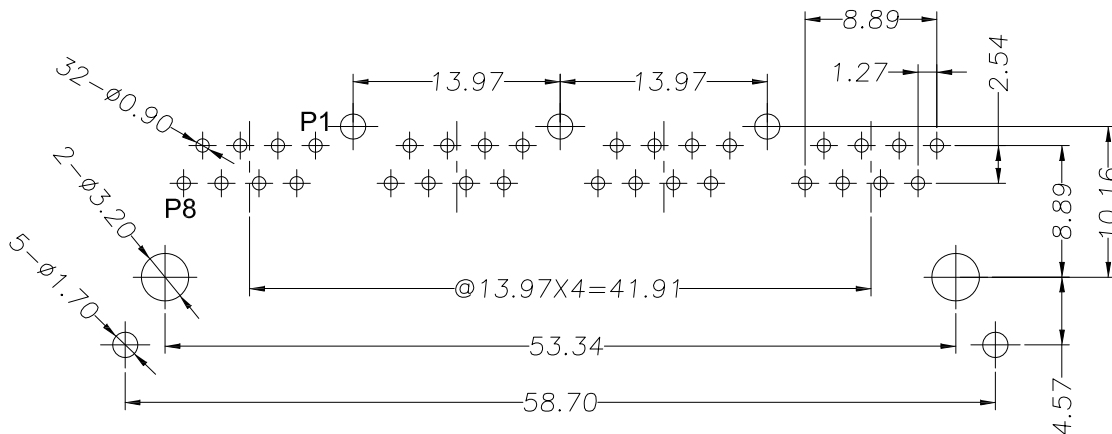
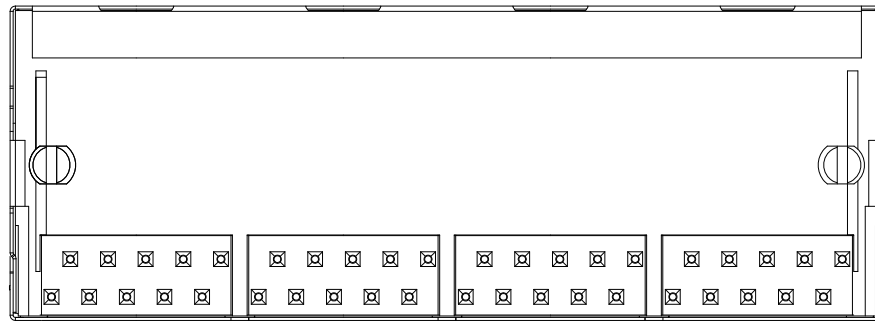
- 1.1 Voltage Rating : 125 VAC RMS.
- 1.2 Current Rating : 1.5 AMP.
- 1.3 Contact Resistance : 30 mΩ MAX.
- 1.4 Insulation Resistance : 500 MΩ MIN @500NDC.
- 1.5 Dielectric Material : 1000 V AC RMS 50Hz OR 60Hz, 1 MIN.

**2. MATERIAL :**

- 2.1 Housing : PBT UL 94V-0
- 2.2 Contact : Diameter 0.45mm Phosphor Bronze Gold Plating Over Nickel.
- 2.3 Shield : 0.20~0.25mm Thickness BRASS With Ni Plated.
- 2.4 Mating/Unmating Force : 2.2 Kgf MAX.
- 2.5 Retention Strength : 7.7 Kgf MIN Between Jack and Plug.
- 2.6 Operating Life : 750 Cycles MIN.

**3. ENVIRONMENTAL :**

- 3.1 Storage : -40°C ~ +85°C Relative Humidity <70%
- 3.2 Operation : -40°C ~ +85°C
- 3.3 IR Reflow Soldering Temperature : 255 to 265 ( 5~10 Seconds ) Mates With Modular Plug Conforming To FCC Part 68, Subpart F.




PC Board Layout

RDI PN : 3012S1-04-X-NL

X= Contact plating- 1=1μ", 2=3μ", 3=6μ", 4=15μ", 5=30μ", 6=50μ"

NOTE: ALL DIMS ARE IN mm.

PROJECTION		 <b>Research Develop Innovate</b> RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549		
SCALE UNDEFINED	TITLE 8P8C 1x4 Jack w/shield, RoHS Compliant			
TOLERANCE EXCEPT AS NOTED	DR. Tina	DATE 08/20/19	REF. P/N: 3012S1-04-X-NL	SHEET 1 OF 1
DEC. MILLIMETERS .XX±0.10 .XX±0.25 .XXX±0.35	CK. BM	PRE- JK	DRAWING NO. 4965	SIZE A
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