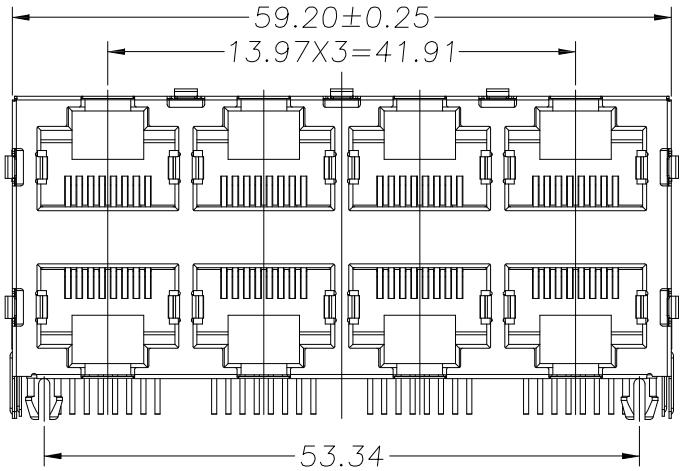
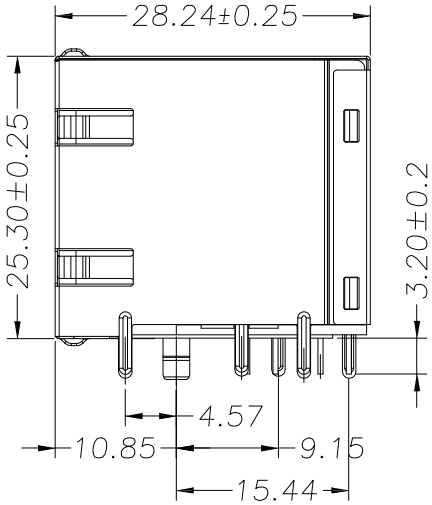
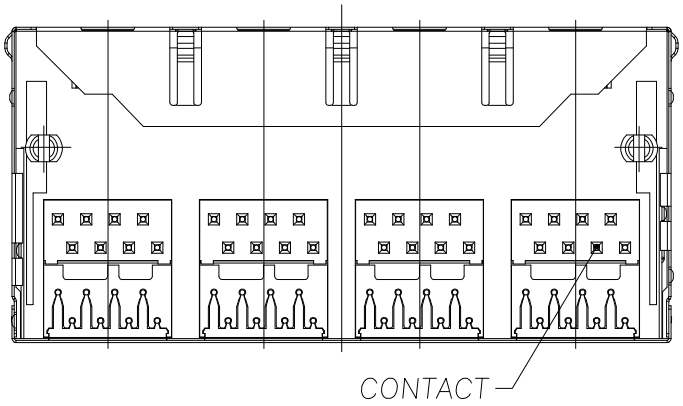
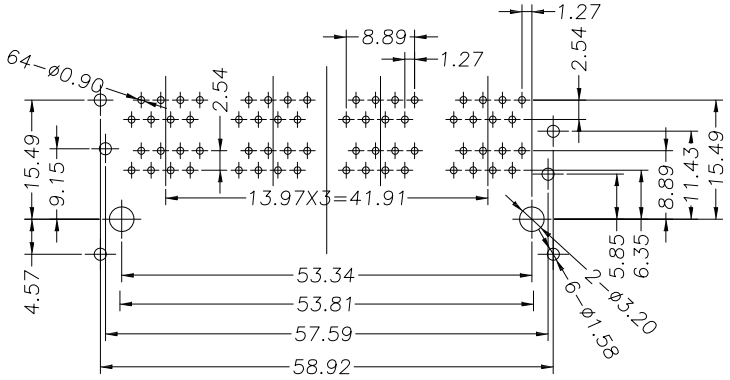
DWG. NO. JK-4966-A REV. "_"

PART NO. 3012S1-08-X-NL









PC Board Layout

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 Tempature :
255 to 265 (5~10 Seconds)
Mates With Modular Plug Conforming
To FCC Part 68, Subpart F.

RDI PN : 3012S1-08-X-NL
X= Contact plating- 1=1μ", 2=3μ", 3=6μ", 4=15μ", 5=30μ", 6=50μ"

NOTE: ALL DIMS ARE IN mm.

PROJECTION	RDI Research Develop Innovate RDI, Inc. 333 North Bedford Road, Suite 135, Mount Kisco, NY 10549				
SCALE UNDEFINED	TITLE: 8P8C 2x4 jack with shield, RoHS Compliant				
TOLERANCE EXCEPT AS NOTED	DR. Tina	DATE 08/22/19	REF. P/N: 3012S1-08-X-NL		SHEET 1 OF 1
DEC. MILLIMETERS .X±0.10 .XX±0.25 .XXX±0.35	CK. BM	PRE- JK	DRAWING NO. 4966	SIZE A	REV. –
ANG. .X±3.0°	THIS DOCUMENT IS OWNED BY, AND THE INFORMATION CONTAINED IN IT IS PROPRIETARY TO, RDI, BY RECEIPT HEREOF THE HOLDER AGREES NOT TO USE THE INFORMATION AND NOT TO DISCLOSE IT TO ANY THIRD PARTY, NOR REPRODUCE THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF RDI, AND AGREES TO RETURN THIS DOCUMENT FORTHWITH UPON REQUEST.				

ECN#	DATE	SYM	REVISION RECORD	AUTH	BY