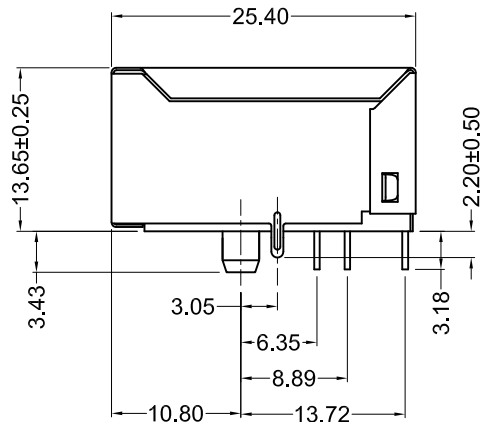
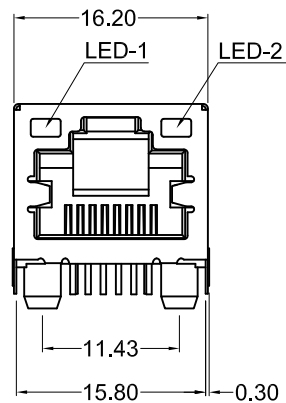


Materials and Finish

Housing Material: High Temperature Thermoplastic, UL 94V-0 Rated, Color: Black

Shield: Copper Alloy, Nickel Plated

Contact Material: Copper Alloy

Plating:

Contacts: Nickel Underplating, Gold Flash Plating on Contact Area, Tin Plating on Solder Area

15 Option: Nickel Underplating, Contact Area Plated with 15u" Gold Tin Plating on Solder Area

50 Option: Nickel Underplating, Contact Area Plated with 50u" Gold to Comply with ANSI/TIA-1096-A, Tin Plated on Solder Area

Electrical Characteristics

Insulation Resistance:
500 Megohms Min.

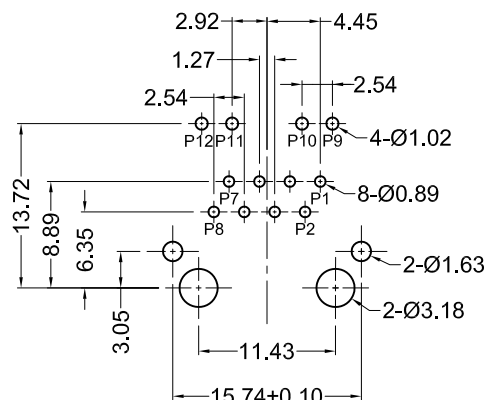
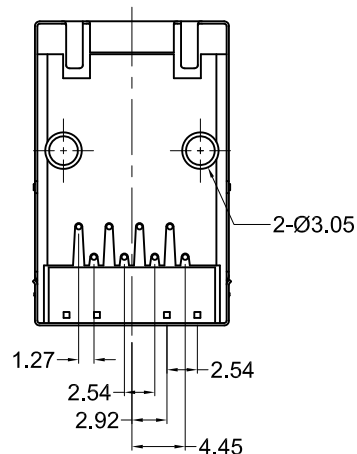
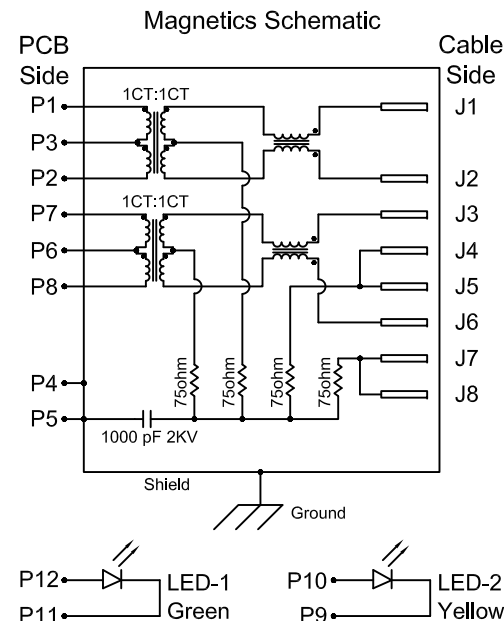
Contact Resistance:
50 milliohms Max.

Dielectric Withstanding Voltage:
500V AC Min. for 1 Minute

Mechanical Characteristics

Durability Rating:
750 Mating Cycles Min.

Operating Temperature:
0°C to +70°C



Recommended PCB Layout
(Top View)

Electrical Properties:

Insertion Loss (dB Max)	Return Loss at 100Ω (dB Min)			Cross Talk (dB Min)	Common Mode Rejection	
1~100MHz	1~30MHz	30~60MHz	60~80MHz	1~100MHz	1~100MHz	100~130MHz
-1.1	-18	-16	-12	-35	-30 dB Min	-20 dB Max

Part Number	Contact Area Plating Finish
G2LX-188S1-CC-GY1	Flash Gold (Standard)
G2LX-188S1-CC-GY1-15	15u" Gold (15 Option)
G2LX-188S1-CC-GY1-50	50u" Gold (50 Option)

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	06/24/14	New Drawing	D. Gih	P. DalCanto	D. Gih	04/21/14
A1	03/26/15	Release Drawing	W. Cook	N/A		
						UNITS
						mm

G2LX-188S1-CC-GY1

8P8C ModJack, Tab Up, Shielded, 10/100

Magnetics, Green & Yellow LEDs, RoHS Compl.

