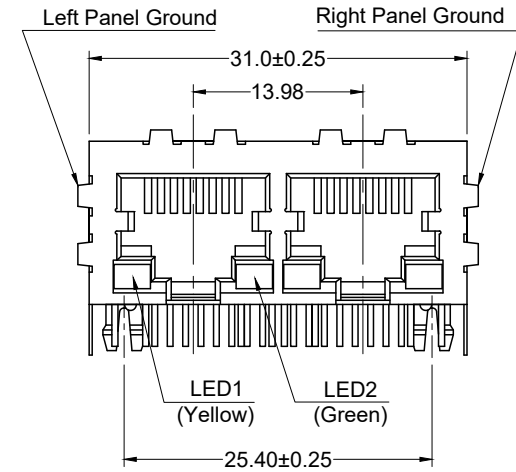
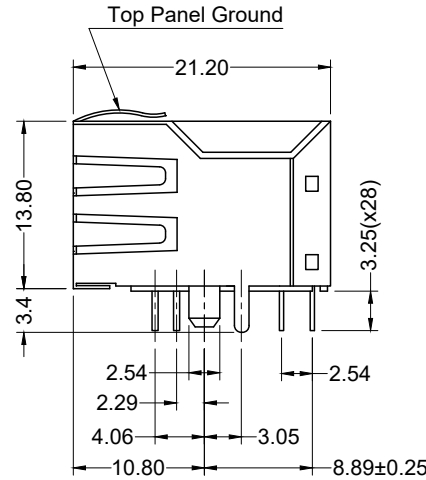
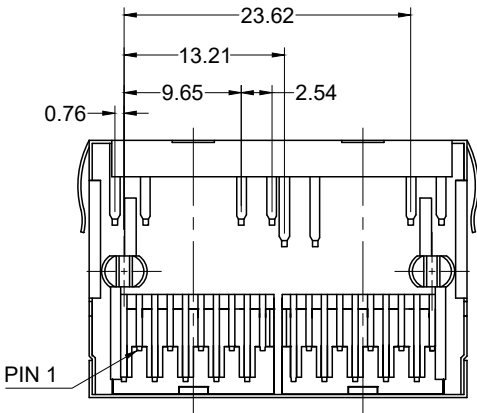
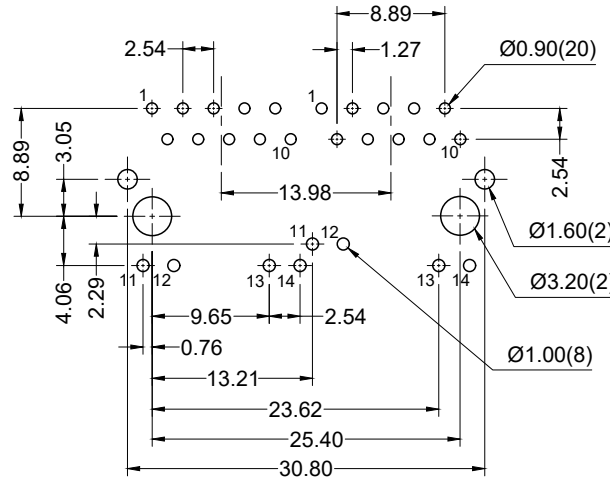




Materials and Finish

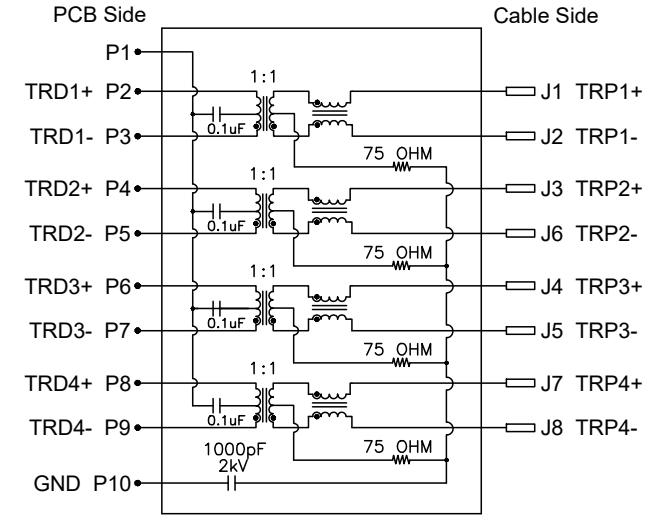
Housing: PBT Thermoplastic With Glass Fiber, UL 94V-0 Rated
Color: Black

Shield: Copper Alloy, Nickel Plated

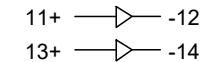
Contact Material:
Phosphor Bronze

Contact Plating:
Nickel Underplating Entire Contact,
Hard Gold Plating on Contact Area
Gold Flash on Solder Area

Magnetics Schematic



LED Schematic



Electrical Properties of Magnetics:

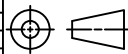
Insertion Loss (dB Max.)	Return Loss (dB Min.)			Cross Talk (dB Min.)	CMR (dB Min.)	Primary Inductance (uH Min.)
1~30MHz	1~30MHz	30~60MHz	60~80MHz	1~100MHz	1~100MHz	100kHz, 0.1V, 8mA DC Bias
-1.1	-18	-16	-12	-30	-30	350

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	05/22/17	New Drawing	C. Kelleher	C. Furumasa	C. Kelleher	05/19/17
A1	10/27/17	Release DC 17-017	H. Ma	C. Kelleher		
A2	3/26/25	ECO #25-027	K.Wang	C. Kelleher		



UNITS
mm

G5LX-2108S7-DD-YG1

Dual Port 10P8C Modular Jack

w/Y/G LEDs & Gigabit Magnetics

