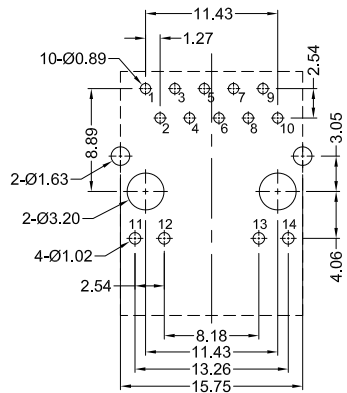
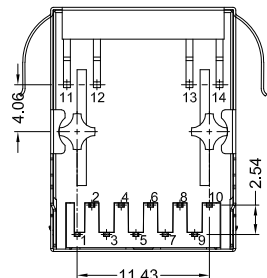
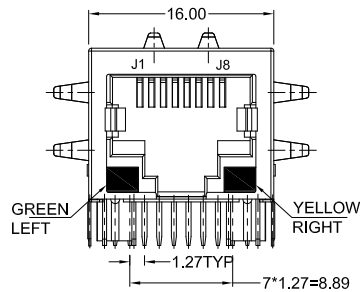
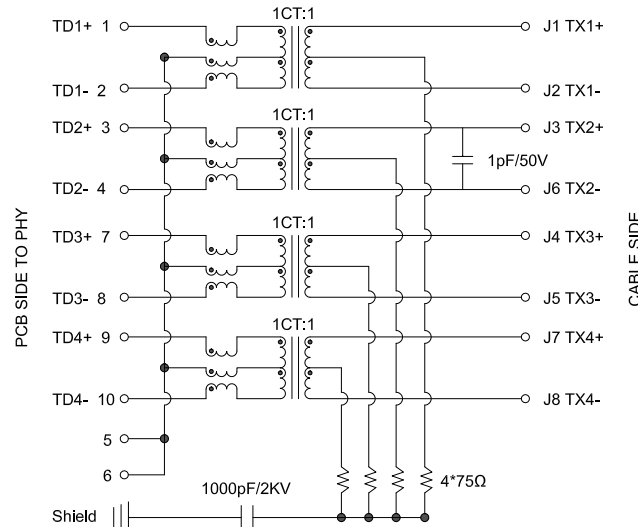




RECOMMENDED PCB LAYOUT

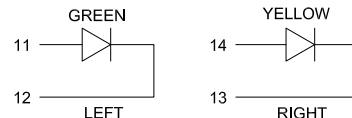
ELECTRICAL PROPERTIES OF MAGNETICS:

Insertion Loss (dB Max)	Return Loss (dB Min)		Cross Talk (dB Min)	CMR (dB Min)	OCL (uH Min)
1~125 MHz	1~40 MHz	40~200 MHz	1~125 MHz	30~200 MHz	@100 KHz & 0.1 V
-1.0	-20	-20+15LOG ₁₀ (f/40MHz)	-30	-30	180



LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V



Materials and Finish

Housing: PBT Thermoplastic
UL 94V-0 Rated
Color: Black

Shield: Brass, Nickel Plated

Contact Material:
Phosphor Bronze

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

Electrical Characteristics

Insulation Resistance:
500 Megohms Min.

Contact Resistance:
20 milliohms Max.

Dielectric Withstanding Voltage:
2250V DC for 1 Minute

Mechanical Characteristics

Durability Rating:
750 Mating Cycles Min.

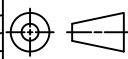
Operating Temperature:
-40°C to +85°C

RoHS COMPLIANT



Tolerances
X.X ± 0.30
X.XX ± 0.25
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	08/21/20	New Drawing	G. Serrato	D. Shehan	G. Serrato	08/21/20
A1	12/15/20	Release Drawing	C. Kelleher	D. Shehan		



G15LX-110S7-2.5G-G/Y-15

Right Angle 2.5G Mag Jack Receptacle

Tab Down, Shielded w/ EMI Fingers, LEDs

