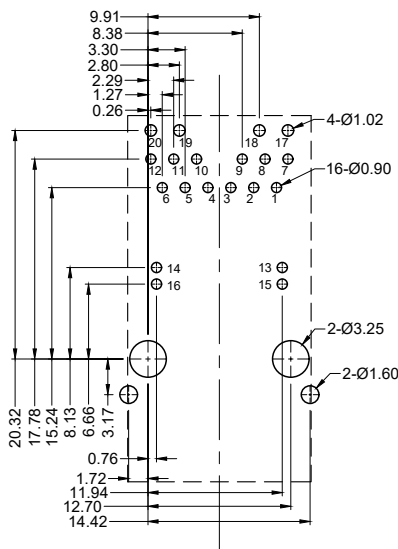
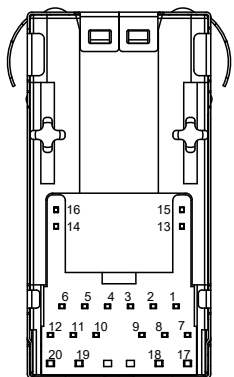
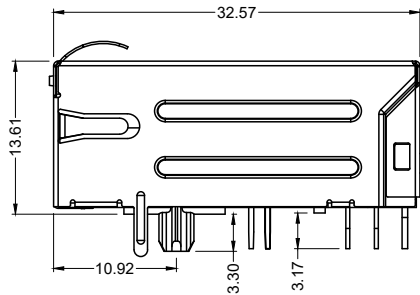
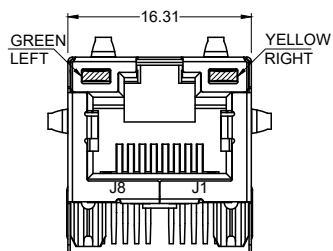
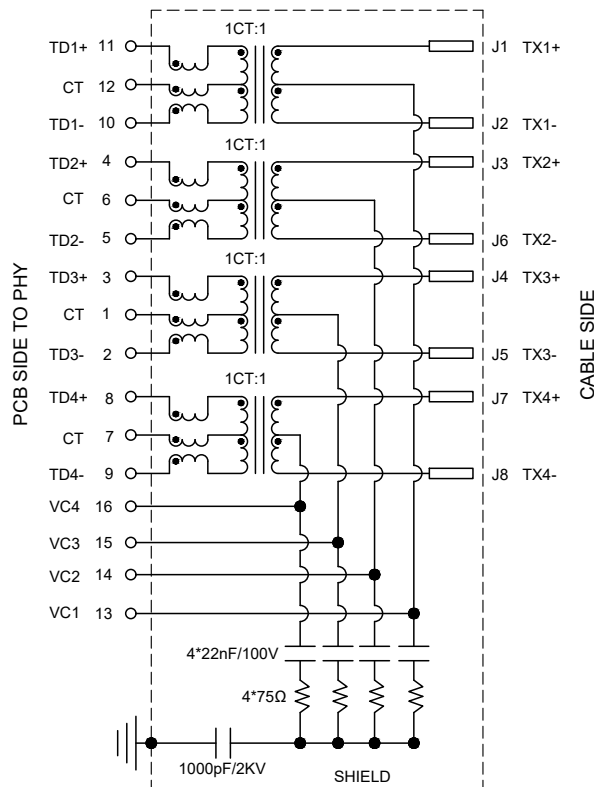




RECOMMENDED PCB LAYOUT

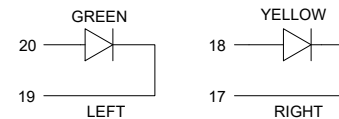
ELECTRICAL PROPERTIES OF MAGNETICS:

Insertion Loss (dB Max)			Return Loss (dB Min)		Cross Talk (dB Min)	CMR (dB Min)			OCL (uH Min)
1~50 MHz	50~125MHz	125~250MHz	1~40 MHz	40~250 MHz	1~250 MHz	1~40 MHz	40~100MHz	100~500MHz	@100 KHz & 0.1 V
-0.5	-1.2	-2	-16	-16+10LOG ₁₀ (f/40MHz)	-30	-30	-28	-26	120



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



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	03/15/21	Release Drawing	C. Kelleher	N/A		
A2	03/26/25	ECO #25-027	K.Wang	C. Kelleher		
						UNITS
						mm

G16LX-112S7-5G-G/Y-50

Right Angle Modular Jack w/5G Magnetics & POE++
Tab Up, Shielded w/ EMI Fingers, LEDs

