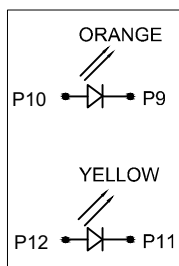
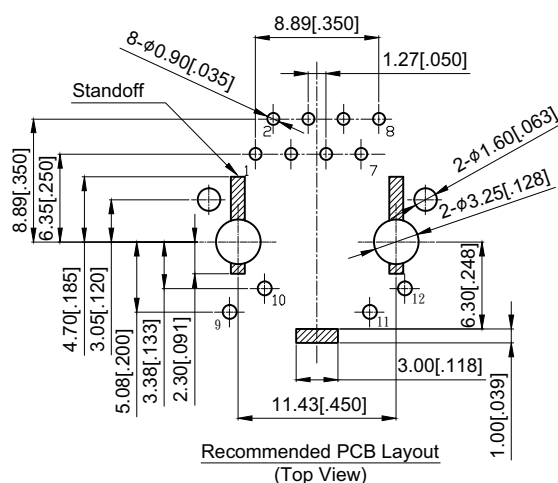
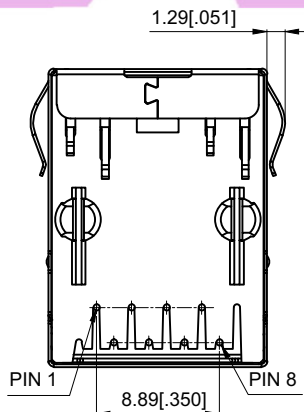
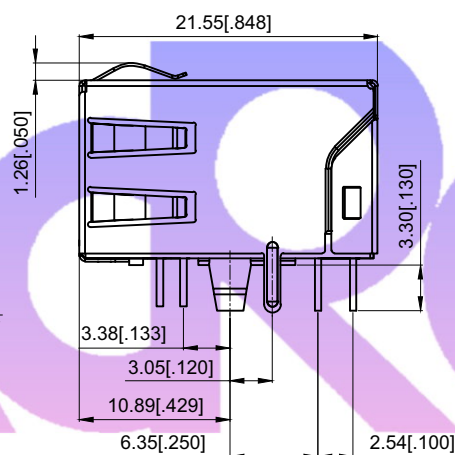
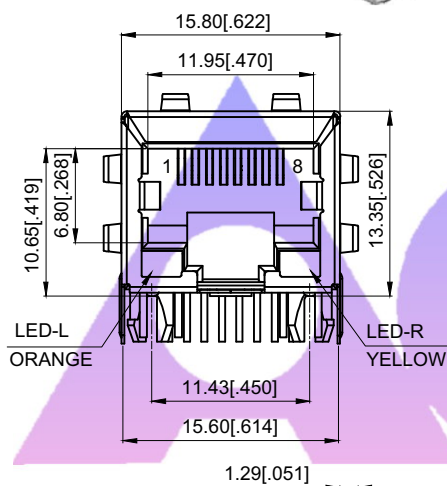
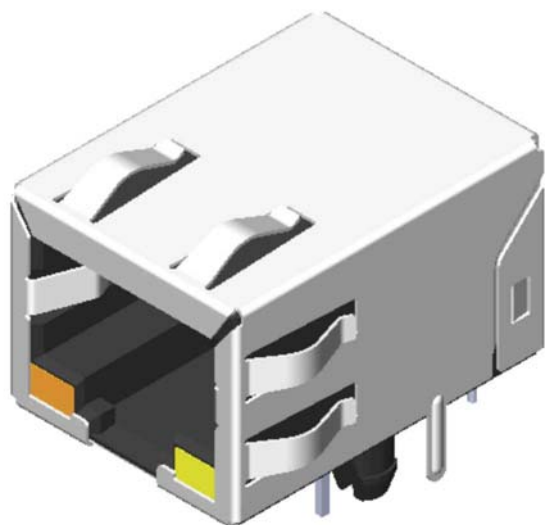


◆ RJ45 1x1 w/Transformer 10/100 Base-T w/LED



LED ELECTRICAL SPECIFICATION

PARAMETER	YELLOW (TYP.)	ORANGE (TYP.)	UNITS	TEST CONDITIONS
POWER DISSIPATION	105	105	mW	
REVERSE VOLTAGE	5	5	V	
PEAK WAVELENGTH	585	611	nm	IF=20mA
FORWARD VOLTAGE	2.1 MAX.=2.45	2.1 MAX.=2.45	V	IF=20mA

Ordering Information:

GDI48 - N3 - * 8 0 2 3 0 0
1 2

- EMI Finger Options
0-W/EMI Finger
1-W/O EMI Finger
- Plating Options
2-G/F In Contact Area
7-15u" Gold In Contact Area

Physical:

- ◆ Plastic Housing & Transformer Housing
High Temp Thermoplastic, UL94V-0 Rated
- ◆ Terminal
RJ Contacts: Copper Alloy
RJ Solder Pins: Copper Alloy
- ◆ Terminal Plating
RJ Contacts:
Gold Plating on Contact Area
Tin Plating on Solder Tails
Nickel Underplating Overall
RJ Solder Pins:
Tin Plating Overall
Nickel Underplating Overall
- ◆ Shell
Stainless
- ◆ Shell Plating
Pre-Soldering on Ground Legs

Mechanical Specifications:

- ◆ Mate Force
22N Max.
- ◆ Durability
750 Cycles
- ◆ Operating Temperature Rating
0°C to +70°C

Electrical Specifications:

- ◆ Contact Resistance
50 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage
500V per Second Max.
- ◆ Insulation Resistance
500 Megohms Min. Initial
50 Megohms Min. Final

Magnetic Electrical Specifications:

- ◆ Transmitter & Receiver Filter:

Insertion Loss (dB Max)	Return Loss at 100 Ω (dB Max)			
	1~100MHz	1~30MHz	30~60MHz	60~80MHz
	-1.0	-18	-16	-12

- ◆ Common Mode Rejection @1~100 MHz:-30dB Min.
- ◆ Cross Talk @1~100 MHz:-35dB Min.
- ◆ Inductance @100KHz/0.1V, 8mA DC Bias: 350mH Min.
- ◆ Hi-Pot Test: 1500Vrms, 60 Sec

