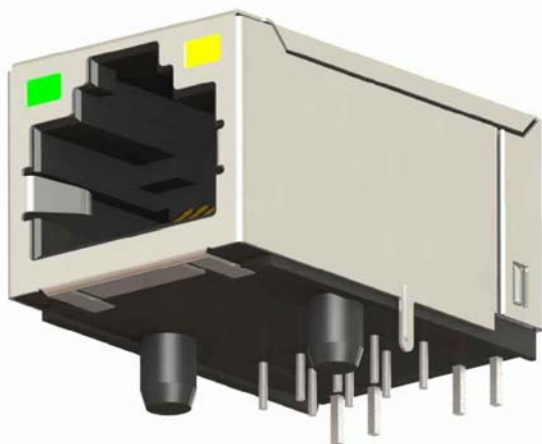


♦ Modular Jack 10/100m Integrated Magnetics w/Shield & LED



Ordering Information: GDI38-N3-081K300

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1. Plating Options
2. Gold Flash Contact Area
- K-6u" Gold In Contact Area
- 7-15u" Gold In Contact Area
- 9-30u" Gold In Contact Area

Physical:

- ♦ Housing
High Temp Thermoplastic, UL 94V-0 Rated,
Black Color
- ♦ Terminal
Copper Alloy
- ♦ Terminal Plating
Gold Plating on Contact Area
Tin Plating on Solder Tails
Nickel Underplating Overall
- ♦ Shell
SUS
- ♦ Shell Plating
Pre-Solder Tin
Nickel Underplating Overall

Mechanical Specifications:

- ♦ Mate Force
22N Max.
- ♦ Durability
750 Cycles
- ♦ Operating Temperature Rating
-40°C to +85°C

Electrical Specifications:

- ♦ Rated Voltage
150V RMS AC
- ♦ Rated Current
1.5A Max.
- ♦ Contact Resistance
20 Milliohms Max. Initial
- ♦ Dielectric Withstanding Voltage
1000V AC Min for 1 Minute
- ♦ Insulation Resistance
500 Megohms Min.

Magnetic Electrical Specifications:

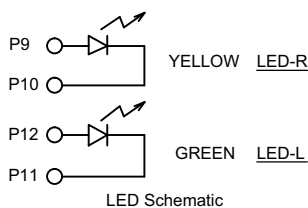
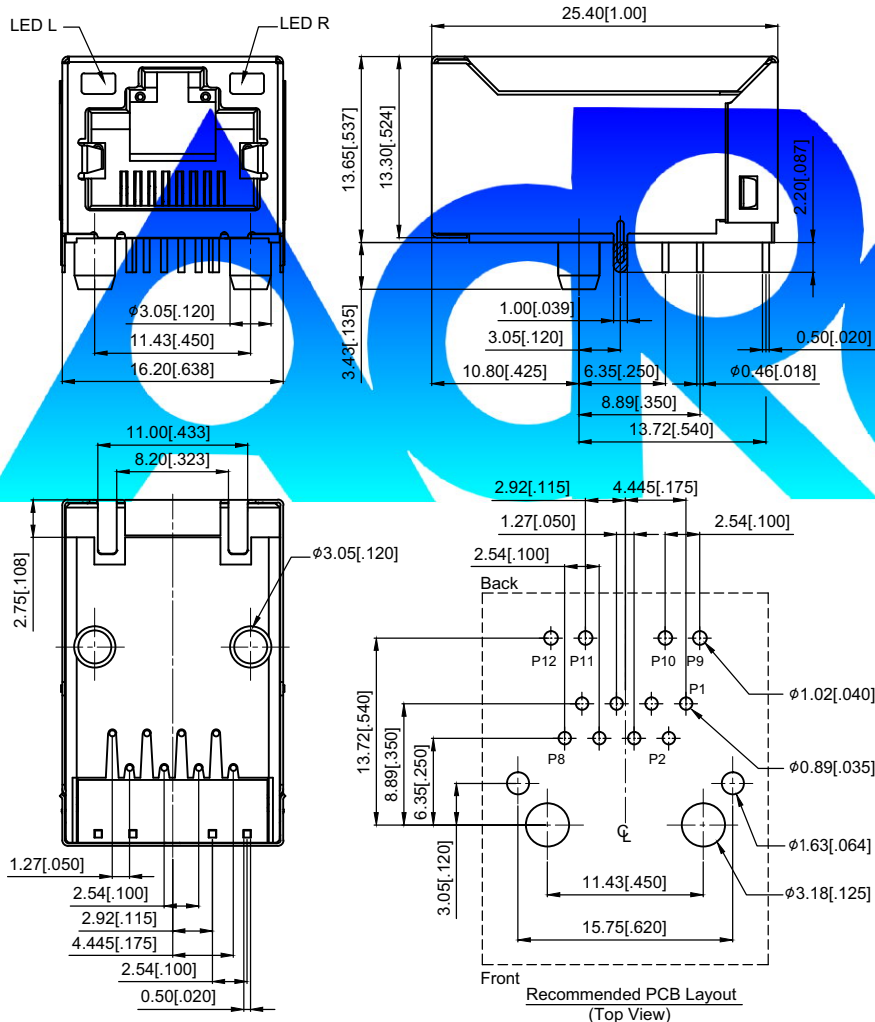
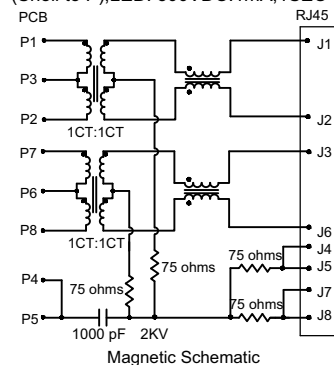
- ♦ Transmitter & Receiver Filter:

Insertion Loss (dB Max)	Return Loss at 100 Ω (dB Min)		
1~100MHz	1~30MHz	30~60MHz	60~80MHz
-1.0	-20	-16	-10

- ♦ Common Mode Rejection @1~10 MHz:-40dB MIN
@30~60 MHz:-35dB MIN
@60~100 MHz:-30dB MIN
- ♦ Cross Talk @1~50 MHz: -30dB MIN
@50~130 MHz:-20dB MIN

- ♦ HiPot Test:

(J to P), LED: 2250VDC, 1mA, 1SEC
(J to Shell): 2250VDC, 1mA, 1SEC
(Shell to P), LED: 500VDC, 1mA, 1SEC



LED Electrical Specification

PARAMETER	YELLOW (TYP.)	GREEN (TYP.)	UNITS	TEST CONDITIONS
POWER DISSIPATION	68	68	mW	
REVERSE VOLTAGE	5	5	V	
PEAK WAVELENGTH	590	565	nm	I _F =20mA
FORWARD VOLTAGE	2.1 MAX.=2.5	2.2 MAX.=2.5	V	I _F =20mA
BRIGHTNESS (MCD)	8 to 12 TYP	8 to 12 TYP	MCD	@20mA