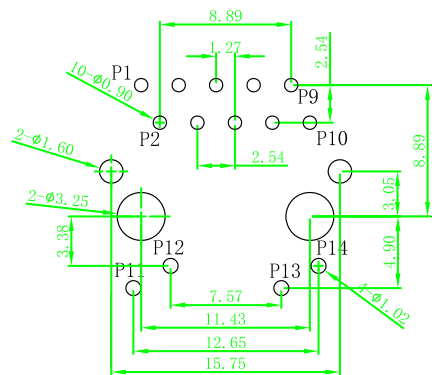
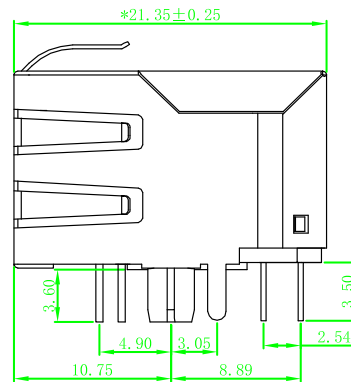
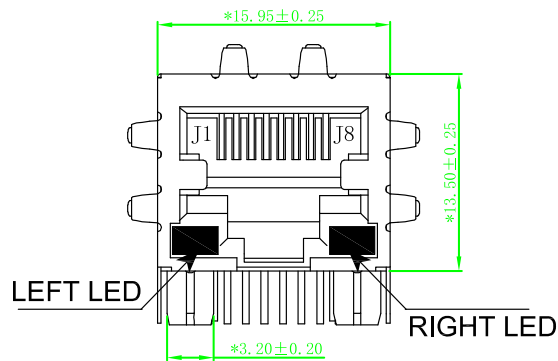
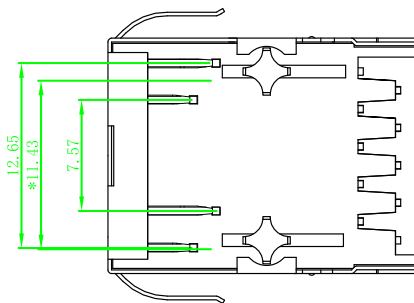




P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC



RoHS 2.0 COMPLIANT

REACH SVHC

ISO 9001:2015

SPECIFICATIONS & RATINGS

Inductance (OCL)	350uH min with 8mA Bias current
Isolation Voltage	1500Vrms min per IEEE802.3 requirement
Operating Temperature	0°C to +70°C
Standard	IEEE 802.3 for 10/100/1000 Base-TX
Storage Temperature	-40°C to +85°C

LED ELECTRICAL CHARACTERISTIC

LED Position	Color	Wavelength	Forward V (Min/Max)	Forward Current (A)	Type
LEFT LED (11-12)	Green	568nm	1.8V/2.8V	20mA	squareness
RIGHT LED (13-14)	Yellow	585nm	1.8V/2.8V	20mA	squareness

BILL OF MATERIALS (BOM)

No	Item	Description	Qty
1	Metal Shell	Copper Alloy, Finish: 30u" Nickel	1
2	Housing	Thermoplastic, PBT, UL 94V-0, Black	1
3	Insert	Thermoplastic, PBT, UL 94V-0, Black	1
4	Contact Terminal	Phosphor Bronze, 6u" Gold on Contact Area, 100u" Tin on Solder, Both over 50u" Nickel Under-Plated	8
5	Coil Base	Phenolic/PBT, UL 94V-0, Black	1
6	Terminal	Copper Alloy, T=0.40x0.40mm Thickness	10

NOTES

- RoHS Compliant
- Available with or without LEDs
- P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
- ALL CENTERLINE DIMENSIONS ARE BASIC.

PART NUMBERING SYSTEM / ORDERING INFORMATION

ED - CRJ45 - F08 - 1GB - RA06 - A

- ED: EDOM Electronics
- F08: Female Jack, 8 Positions (8P8C)
- RA06: Right Angle Tab-Down, 6u" Gold Plating

- CRJ45: RJ45 Modular Jack Connector
- 1GB: Gigabit Ethernet (1000Base-TX) Integrated Magnetics
- A: Revision A

TOLERANCES:

3 PLACE	±0.15mm / ±0.005"
2 PLACE	±0.25mm / ±0.01"
1 PLACE	±0.35mm / ±0.015"
0 PLACE	±0.50mm / ±0.02"
ANGULAR	±3°

3RD ANGLE

DESCRIPTION:

RJ45 Connector With Transformer 1000Base
Tab-down 1x1 Port with LED
DWG: ED-CRJ45-F08-1GB-RA06-A

DWN: EDOM ENG

CHK: BILL LEE

REV: A0

SCALE: A4 (FREE)



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