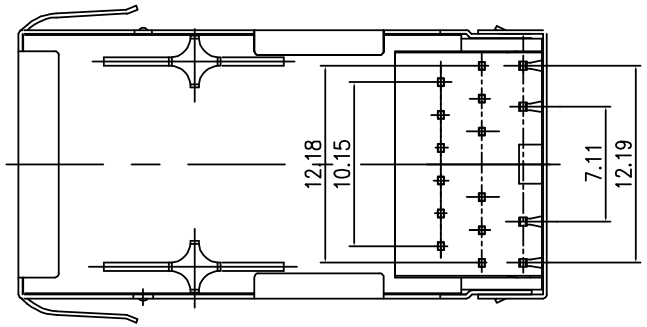
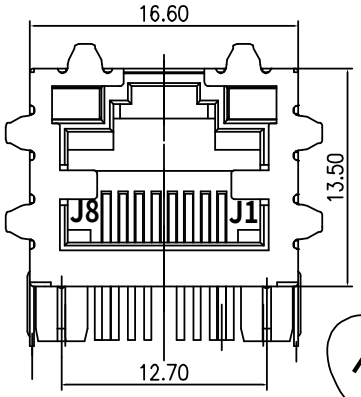
REV.	LOCAS.	DESCRIPTION	DATE	DRAWN
01		INITIAL RELEASE.		

4. Mechanicals:





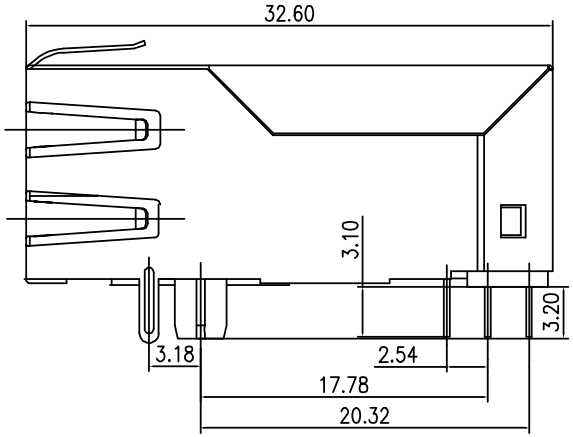
ROHS

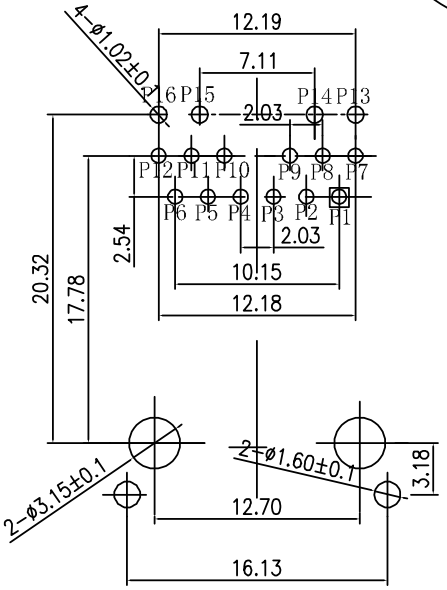
4.1. Connector Material:
Housing:Thermoplastic UL94 V-0
Contact/Shield:Cooper alloy
Shield Plating:Nickel
Contact Plating:Selective gold 6u"; 15u"; 30u"; 50u"

4.2. Tolerances comply with F.C.C dimension requirements

4.3. Durability:800 mating Min

4.4. Meets or Exceeds IEEE802.3af standards
incuding 350uH Min OCL @100KHz 100mV 8mA DC





P.C.B RECOMMENDED HOLE LAYOUT SEEEN FROM COMPONENT SIDE.

ALL CENTERLINE DIMENSIONS ARE BASIC

LED Specification

Standard LED Color	LED Wavelength	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
Green	560-580 nm	2.5V	2.1-2.2V	9-25 MCD
Yellow	580-610 nm	2.5V	2.1-2.2V	9-30 MCD
Orange	580-610 nm	2.5V	2.1-2.2V	50-100 MCD

1. LED intensity/wavelength measured with Photo Research PR-650 Colormeter
2. With a forward current of 20 mA, Absolute Maximum Ratings (Ta=25℃)

EDOM ELECTRONICS
TEL: +86 0755 27801940
Mob: +86 15889397634
www.techedom.com

PART NO.	ERJ45F12P12C-163260		DRAWN	MARK		
DWG NO.			CHECK	JOHN		
TOLERANCE	X.±0.30 .X±0.25		APPROVE	MELODY		
TITLE: 1*1Port RJ-45 Jack With 100/1000 Base-T Magnetics Module	REV. A0	.XX±0.15 .XXX±0.10	SCALE 1:1	UNIT mm	NO	DESCRIPTION

REV.	LOCAS.	DESCRIPTION	DATE	DRAWN
01		INITIAL RELEASE.		

1*1Port RJ-45 Jack
With 100/1000 Base-T Magnetics Module

1. Electrical Specifications:@25℃

1.1. Isolation Voltage: 1500V/AC(Input to Output)

1.2. OCL:350uH Minimum @100KHz 100mV 8mA DC

1.3. Instertion Loss: -1.2dB Maximum @100KHz-100MHz

1.4. Return Loss: -18dB Minimum @1MHz-30MHz
-14dB Minimum @30MHz-60MHz
-12dB Minimum @60MHz-80MHz
-10dB Minimum @80MHz-100MHz

1.5. Common Mode Rejection: -30dB Minimum @1MHz-100MHz

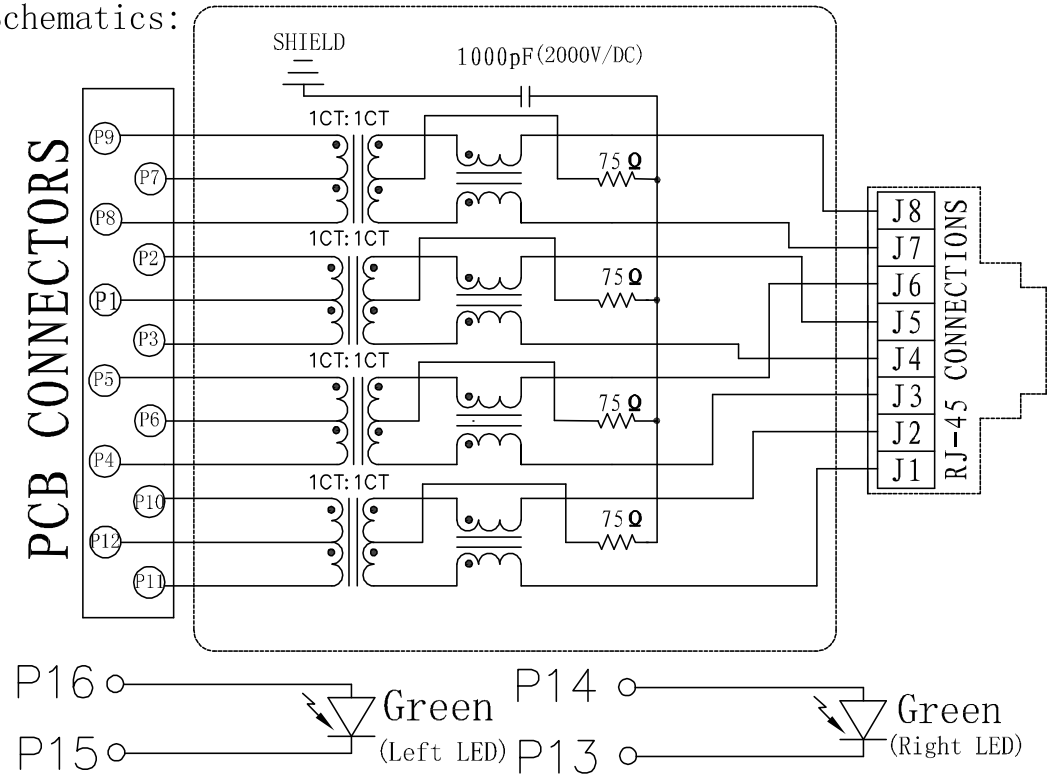
1.6. Cross Talk: -30dB Minimum @1MHz-100MHz

2. Operating and Storage Temperature:

2.1. Operating Temperature:-40℃ to +85℃

2.2 .Storage Temperature:-40℃ to +85℃

3. Schematics:



EDOM ELECTRONICS TEL: +86 0755 27801940 Mob: +86 15889397634 www.techedom.com		PART NO.	ERJ45F12P12C-163260	DRAWN	MARK				
		DWG NO.		CHECK	JOHN				
		TOLERANCE	X.±0.30 .X±0.25	APPROVE	MELODY				
TITLE: 1*1Port RJ-45 Jack With 100/1000 Base-T Magnetics Module	REV. A0		.XX±0.15 .XXX±0.10	SCALE	1:1	UNIT	mm	NO	DESCRIPTION