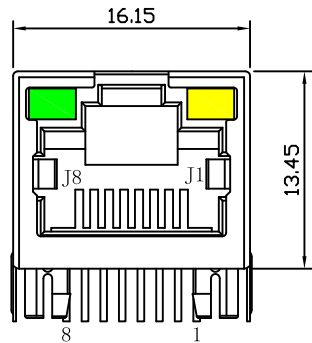
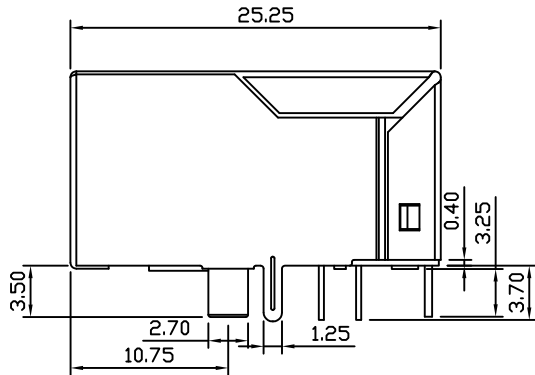


Mechanical:

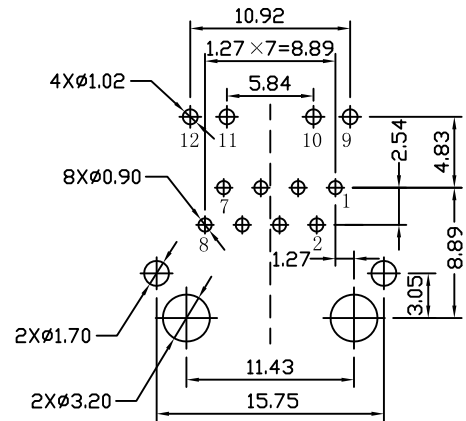
REV.	ECN NO.	DESCRIPTION	DATE	APPD.
A	REL		2010-04-15	



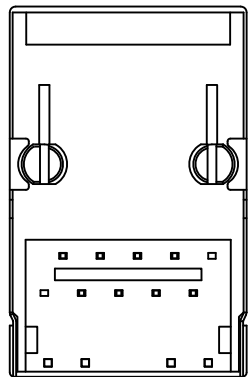
Front Side View



Left Side View



Suggested PCB Layout(Top View)



Bottom Side View



Top Side View

NOTES:

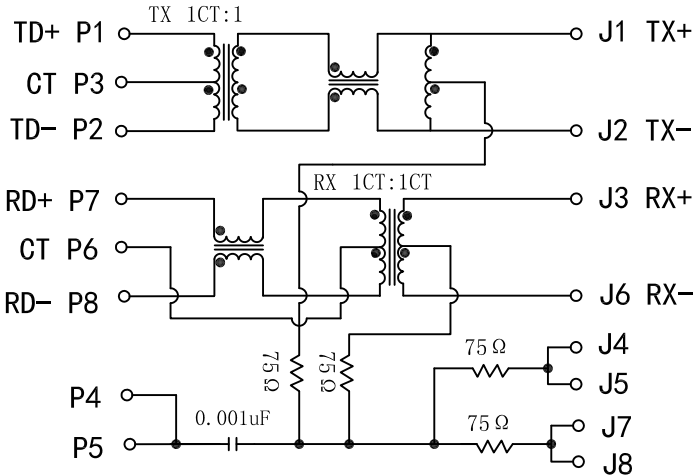
- 1.Designed to support application,such as SOHO(ADSL modems), LAN-on-Motherboard (LOM),hub and Switches.
- 2.Meets IEEE 802.3 specification
- 3.Operating Voltage: 3.3V-5V Max.Current: 350mA
4. Connector Materials:
Housing: Thermoplastic PBT+30%G.F UL94V-0
Contact: Phosphor Bonze C5210R-EH Thickness=0.35mm
Pins: Brass C2680R-H Thickness=0.35mm
Shield: SUS 201-1/2H Thickness=0.2mm
Contact plating: Gold 6 micro-inches min.In contact area.
- 5.Wave solder tip temperature: 265℃ Max,5 Sec Max.
- 6.Operating Voltage: 3.3V-5V Max. Current: 350mA.
- 7.UL Certification: File Number E321120.

X:X	±0.30	APPD:	Trxcom Shenzhen Trxcom Electronics Co.,Ltd.		
X:XX	±0.25	CHKD:			
X:XXX	±0.05	DR: C.H.Y	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES	±1°	UNIT: mm	PART NO. : TRJ6026BBNL		
		SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : TRC10041515

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-04-15	

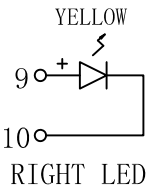
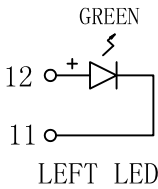
PC BOARD CONNECTIONS



RJ45 CONNECTOR

Electrical Specification @25°C

- Turns Ratio:
TX=1CT : 1 RX=1CT : 1CT
- Inductance: 350uH MIN
@100KHz, 0.1V, 8mA DC Bias
- Insertion Loss:
1~65MHz:-1.0dB Max
- Return Loss(dB Min @100Ω±15Ω):
1~10MHz:-20; 10~30MHz:-16
30~60MHz:-12; 60~100MHz:-10
- Cross talk(dB Min):
1~30MHz:-40 30~60MHz:-35
60~100MHz:-30
- Common Mode Rejection(dB Min)
1~50MHz:-30; 50~150MHz:-20
- Hipot: 1500Vrms @60Hz
- Operating Temperature: -40°C~+85°C.



Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
Green	565	1.8~2.6V	10 μ A max
Yellow	585	1.8~2.6V	10 μ A max

X:X	±0.30	APPD:	Trxcom Shenzhen Trxcom Electronics Co.,Ltd.	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: C. H. Y	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics	
ANGLES	±1°	UNIT: mm	PART NO. : TRJ6026BBNL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC10041515