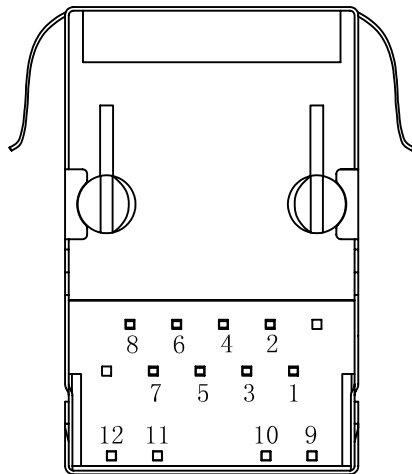
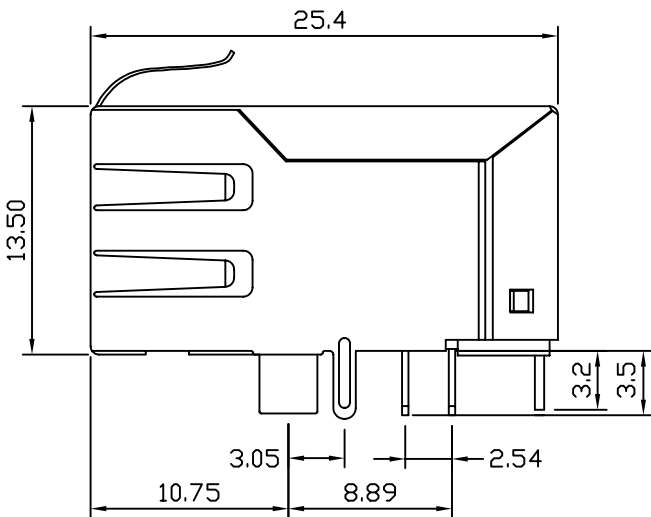
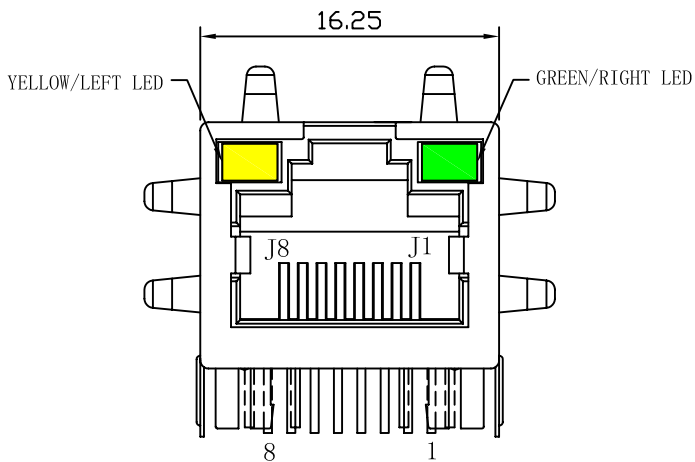


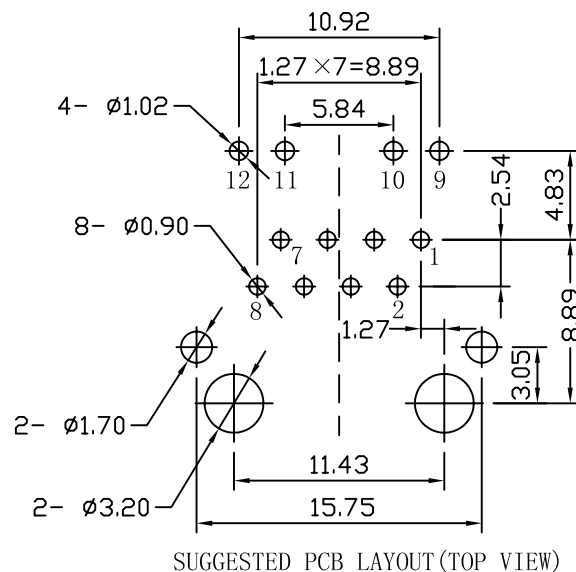
Mechanical:

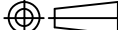
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2009/11/13	



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. Connector Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 260°C
Wave solder tip temperature time: 5 Sec Max
5. UL Certification: File Number E321120

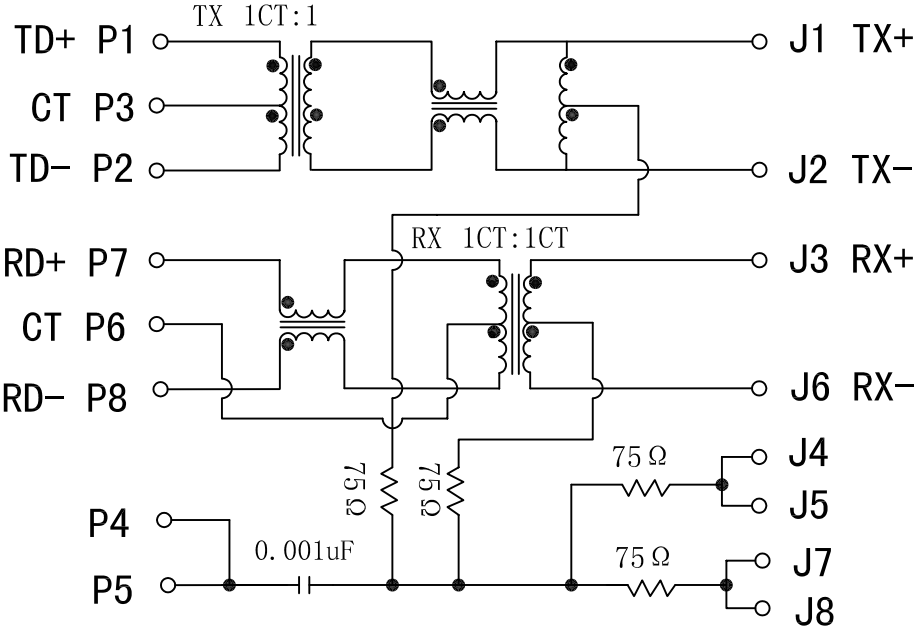


X:X ±0.25		APPD:		Trxcom ShenZhen Trxcom Electronics Co.,ltd TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics	
X:XX ±0.20		CHKD:			
X:XXX ±0.05		DR: C. H. Y			
ANGLES ±1°		UNIT: mm		PART NO. : TRJ1026AGNL	
		SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : TRC09111306

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2009/11/13	

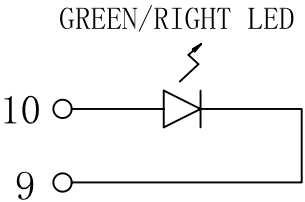
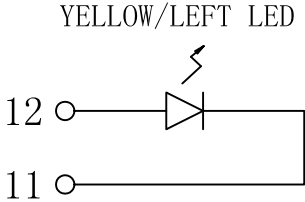
PC BOARD CONNECTIONS



RJ45 CONNECTOR

Electrical Specification:

- TEST NOTES (25±5℃)
1. TR: (100KHz, 100mV);
TX=1CT : 1 RX=1CT : 1CT
 2. LX: (100KHz, 100mV, 8mA, DC Bias)
PINS: (6, 3), (5, 8)=350uH MIN
 3. HIPOT:
PINS (8, 5) TO (J1, J2)=1500VAC
PINS (3, 6) TO (J3, J6)=1500VAC
 4. INSERTION LOSS:
-1dB MAX @ 1MHz TO 65MHz
 5. RETURN LOSS:
-20dB MIN @ 1MHz TO 10MHz
-16dB MIN @ 10MHz TO 30MHz
-12dB MIN @ 30MHz TO 60MHz
-10dB MIN @ 60MHz TO 100MHz
 6. CROSS TALK:
-40dB MIN @ 1MHz TO 30MHz
-35dB MIN @ 30MHz TO 60MHz
-30dB MIN @ 60MHz TO 100MHz
 7. COMMON MODE REJECTION:
-30dB MIN @ 1MHz TO 50MHz
-20dB MIN @ 50MHz TO 150MHz
 8. Hipot: 1500SVrms
 9. Operating Temperature: 0℃~70℃.



X:X ±0.25	APPD:	Trxcom		
X:XX ±0.20	CHKD:	ShenZhen Trxcom Electronics Co.,ltd		
X:XXX ±0.05	DR: C. H. Y	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO. : TRJ1026AGNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC09111306