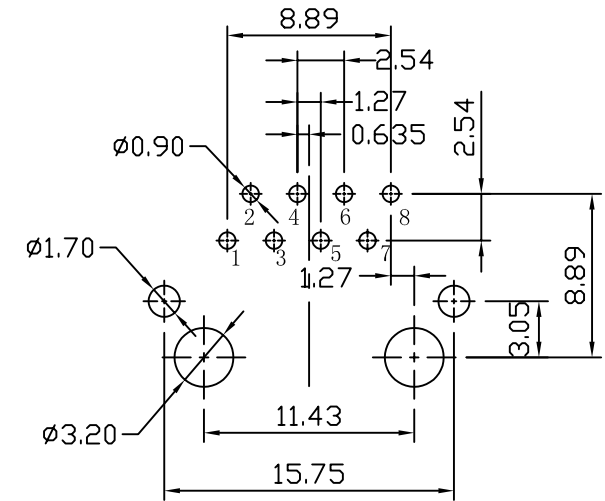
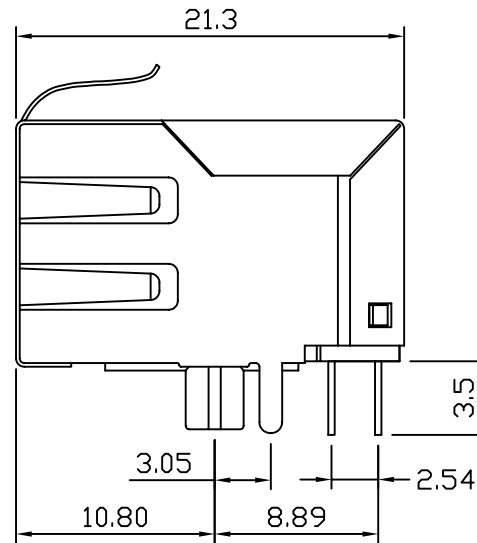
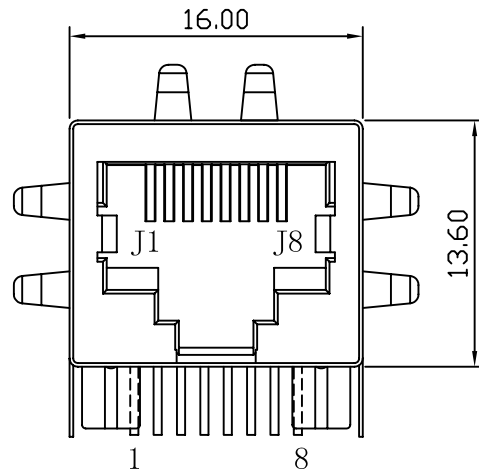
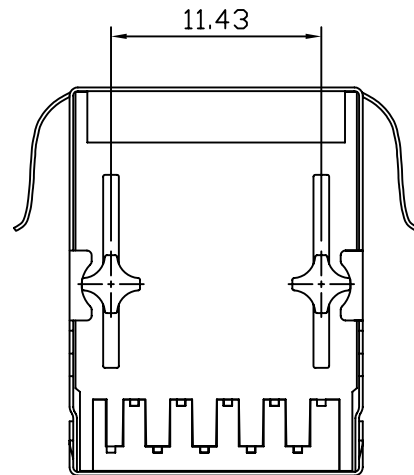


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/09/23	



SUGGESTED PCB LAYOUT (TOP VIEW)



NOTES:

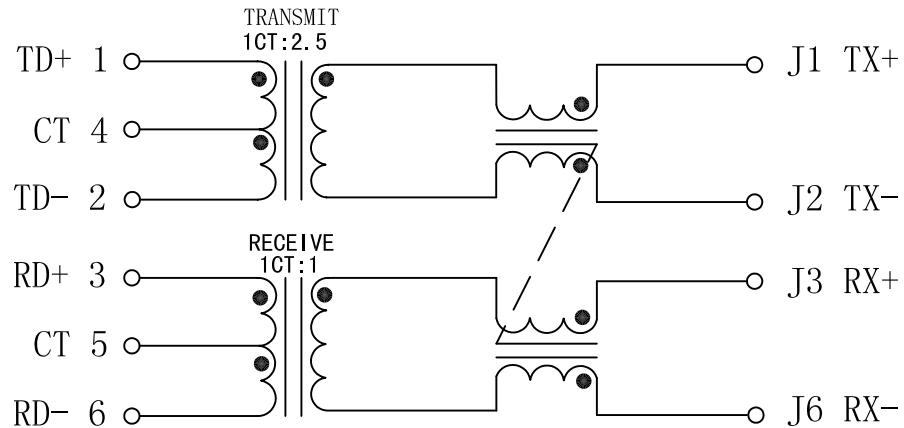
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification
3. Connector Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 265°C Max
Wave solder tip temperature time: 5 Sec Max
5. UL Certification: File Number E321120.



X:X ±0.30	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 Base-TX Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO.: TRJ0167CNL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC10092309

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/09/23	



ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio ($\pm 2\%$):
TX=1CT:2.5 RX=1CT:1
- Pri Inductance :
TX 35uH MIN;
RX 200uH MIN
- Cw/w: 15pF MAX
- Hipot Test:1500Vrms MIN
- Operating Temperature: 0°C~70°C.



X:X ±0.30	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 Base-TX Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO. : TRJ0167CNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC10092309