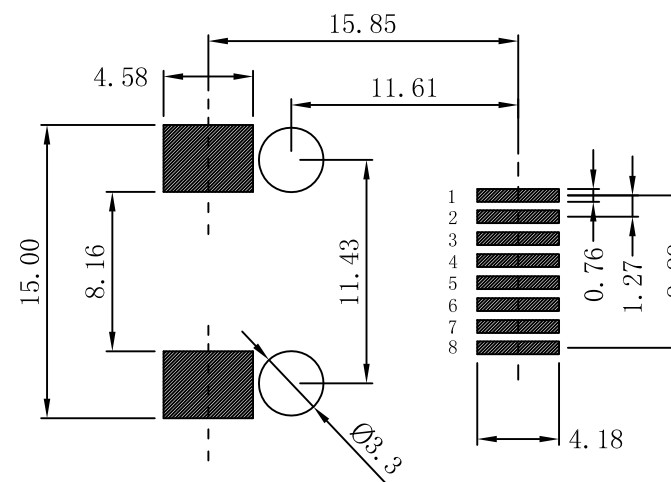
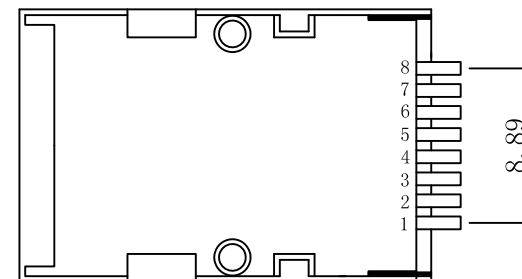
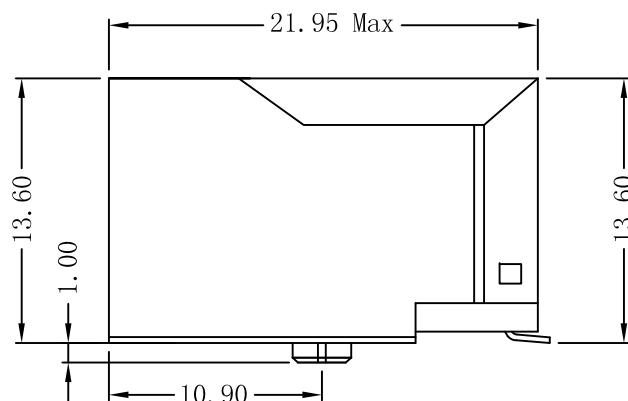
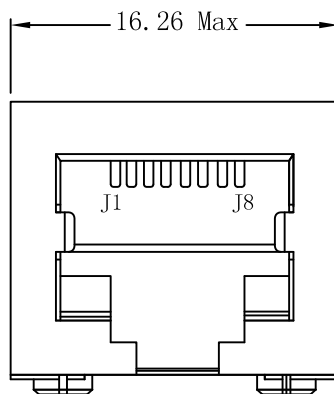


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/01/12	



SUGGESTED PCB LAYOUT (TOP VIEW)

NOTES:

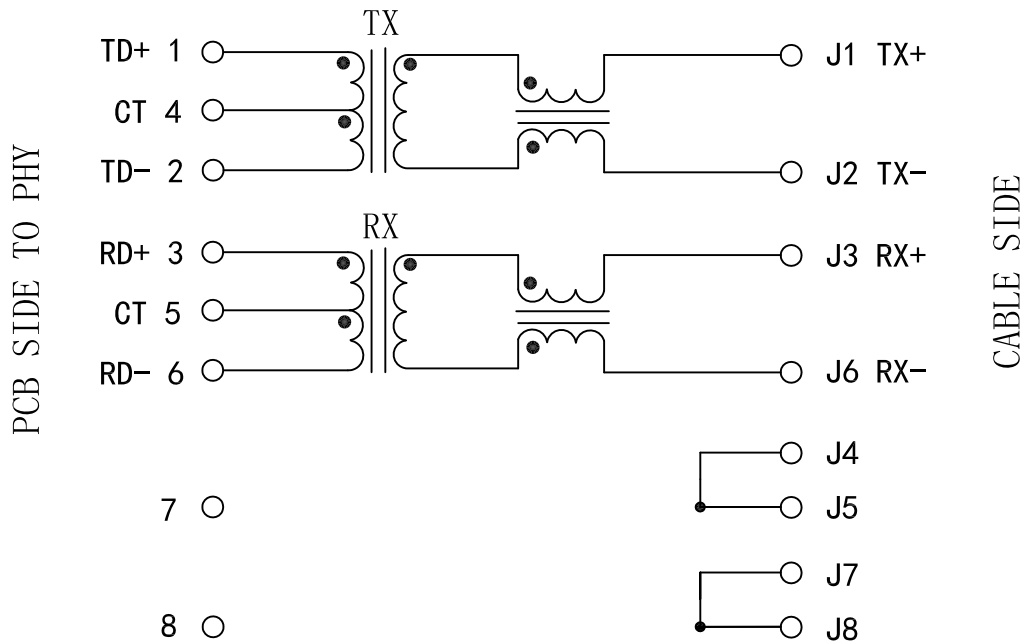
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification
3. Connector Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min. In contact 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	±0.25	APPD:	Trxcom ShenZhen Trxcom Electronics Co., ltd	
X:XX	±0.20	CHKD:		
X:XXX	±0.05	DR: C.H.Y	TITLE: Surface Mount 1×1 Tab-Down Jack with 10/100 Magnetic SMT	
ANGLES	±1°	UNIT: mm	PART NO.: TRJ19113DNL	
SCALE: 2/1		SHEET: 1/2	REV: A	DWG NO.: TRC11011201

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/01/12	



Electrical Specifications @25℃

- Turns Ratio:
TX=1CT:1 RX=1CT:1
- Inductance:
350uH min @100KHz, 0.1V, 8mA
- Insertion Loss:
1-65MHz:-1.0dB Max
- Return Loss(dB Min @100Ω±15Ω):
1-10MHz:-18 10-30MHz:-14
60-80MHz:-10
- Crosstalk(dB Min):
1-30MHz:-35 30-60MHz:-35
60-100MHz:-30
- CMR: (dB Min):
1-50MHz:-20 50-130MHz:-20
- HI-POT: 1500Vrms @60Hz 1 MIN
- Operating Temperature: 0℃~70℃.



X:X	±0.25	APPD:	Trxcom ShenZhen Trxcom Electronics Co., ltd	
X:XX	±0.20	CHKD:		
X:XXX	±0.05	DR: C.H.Y	TITLE: Surface Mount 1×1 Tab-Down Jack with 10/100 Magnetic SMT	
ANGLES	±1°	UNIT: mm	PART NO.: TRJ19113DNL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: TRC11011201