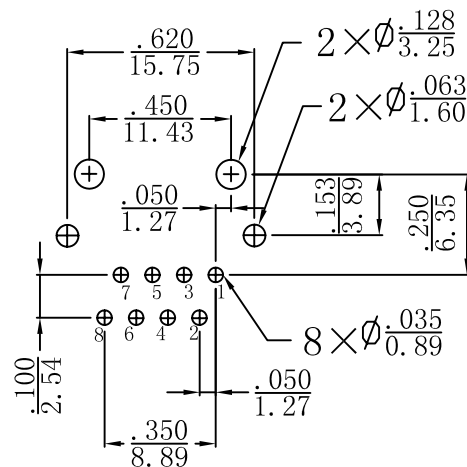
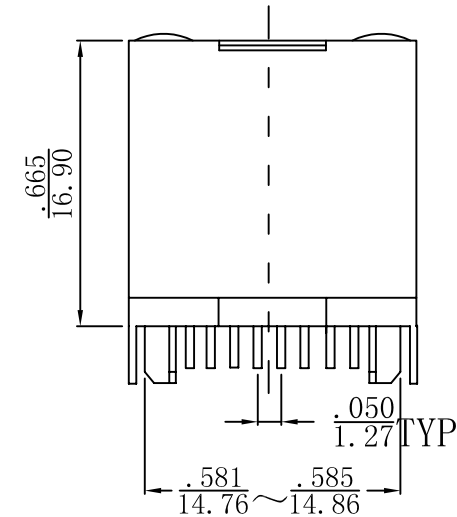
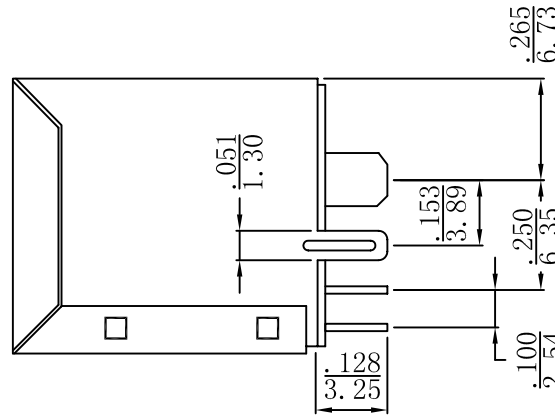
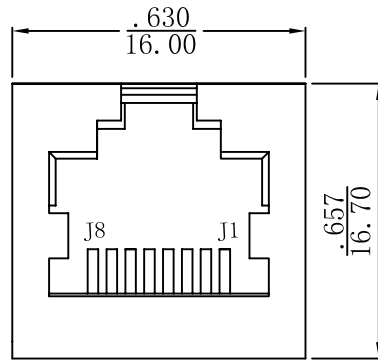


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/10/06	



SUGGESTED PCB LAYOUT (TOP VIEW)



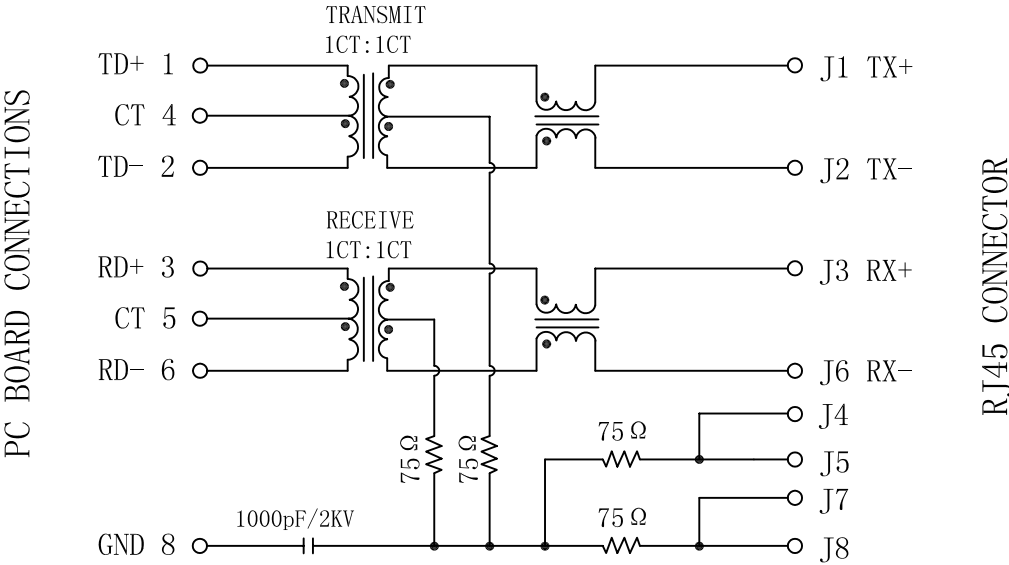
NOTES:

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	±0.20	APPD:	Trxcom	
X:XX	±0.10	CHKD:	ShenZhen Trxcom Electronics Co.,ltd	
X:XXX	±0.05	DR: C. H. Y	Title: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: Inches/mm	PART NO.: TRJD0011DNL	
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.: TRC11100603

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/10/06	



Electrical Specifications @25℃

- 1. Turns Ratio:
TX=1CT:1CT RX=1CT:1CT
- 2. Inductance(@100KHz 0.1V 8mA): 350uH Min
- 3. Insertion Loss:
1-65MHz:-1.0dB Max
- 4. Return Loss(dB Min):
1-30MHz:-18 40MHz:-16
50MHz:-12 60MHz:-10
- 5. Crosstalk(dB Min):
30MHz:-40 60MHz:-35
100MHz:-30
- 6. CMR: (dB Min):
30MHz:-30 60MHz:-20
100MHz:-20
- 7. HI-POT:1500V
- 8. Operating Temperature:0℃～70℃.



X:X	±0.20	APPD:	Trxcom ShenZhen Trxcom Electronics Co.,ltd	
X:XX	±0.10	CHKD:		
X:XXX	±0.05	DR: C.H.Y	Title: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: Inches/mm	PART NO.: TRJD0011DNL	
		SCALE: 2/1	SHEET: 2/2	REV: A DWG NO.: TRC11100603