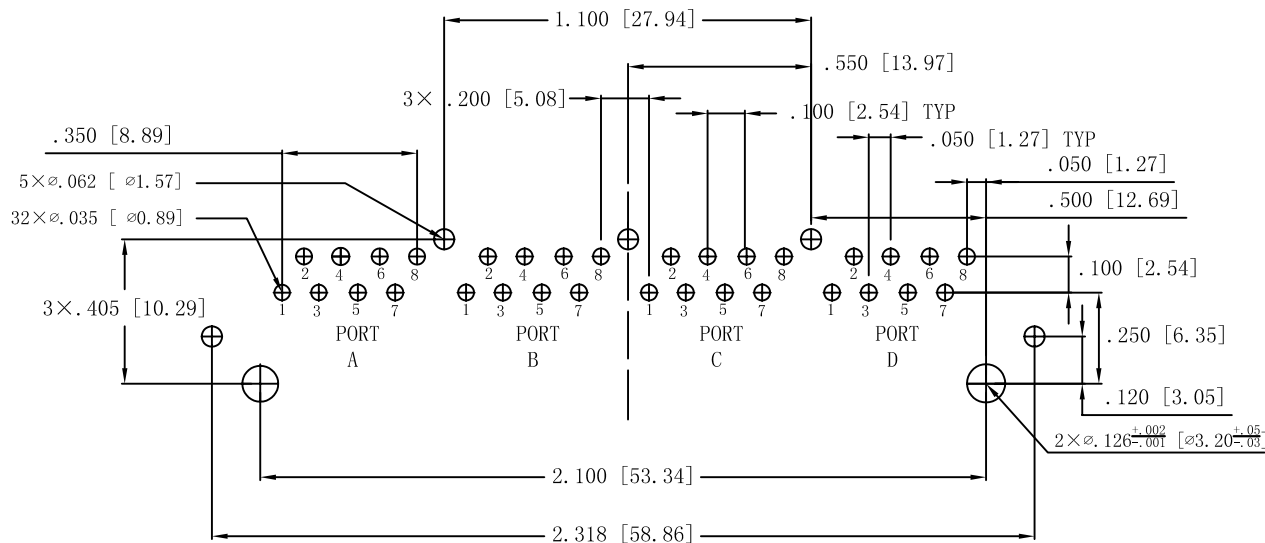
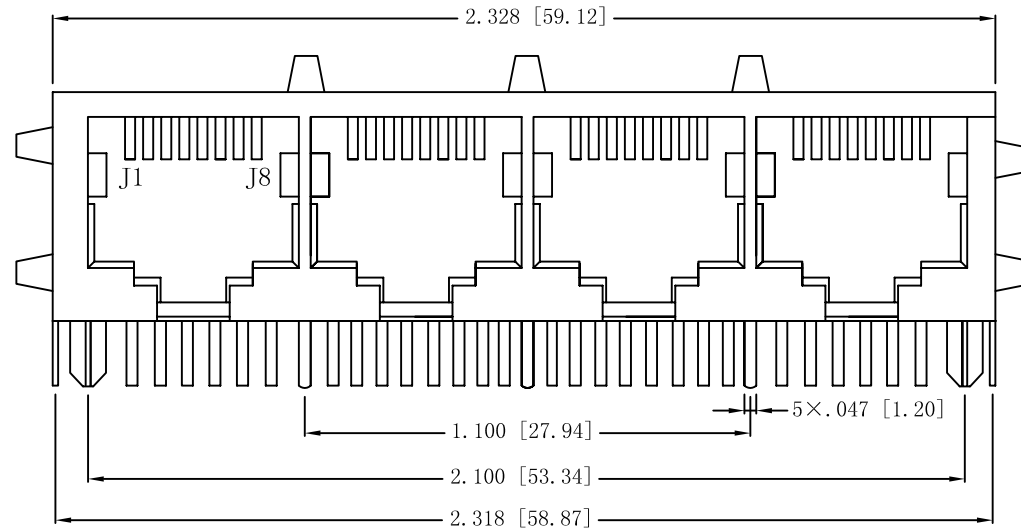
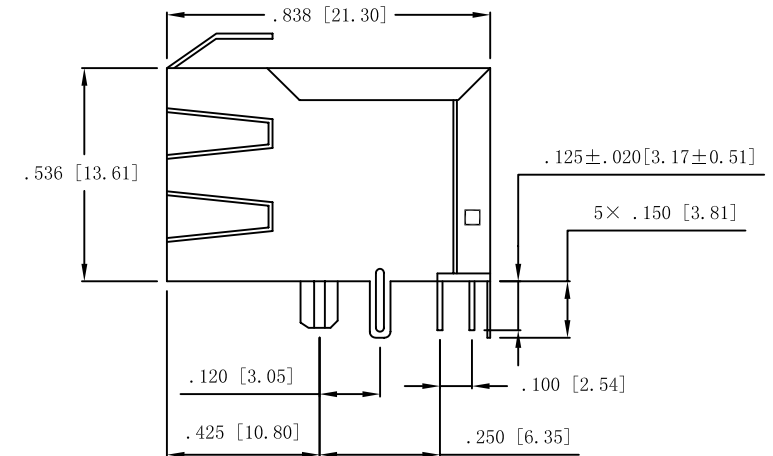


Mechanical:



SUGGESTED PCB LAYOUT(TOP VIEW)

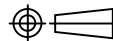
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/08/30	



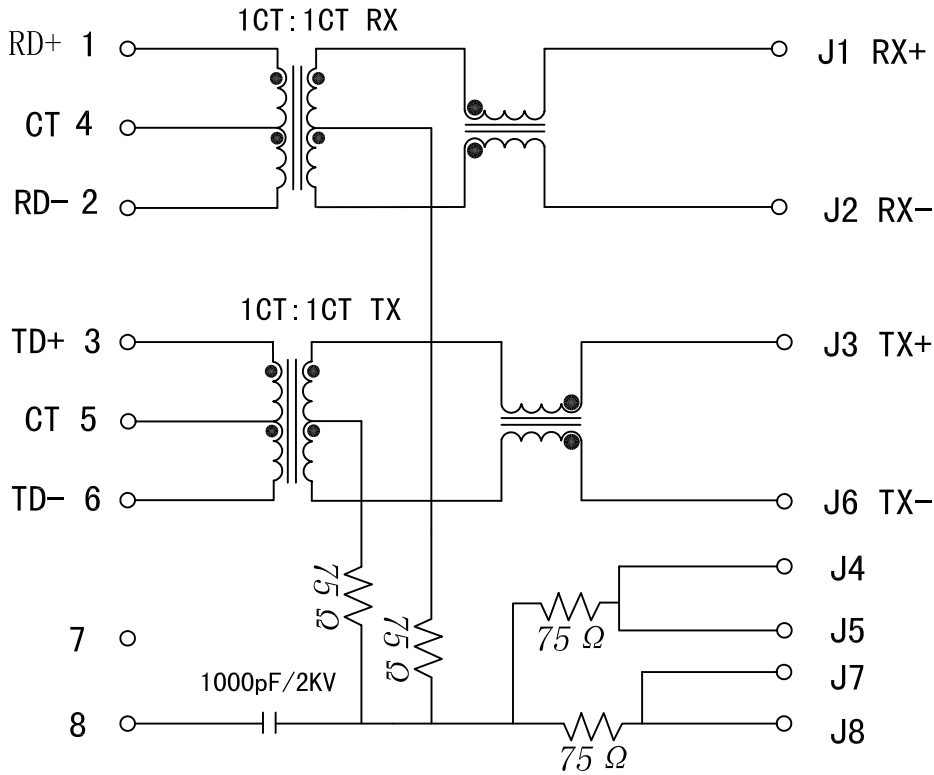
NOTES:

- 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.



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: RJ45 1×4 Tab-Down Jack With 10/100 Base-TX Magnetic Modules	
ANGLES	±1°	UNIT: inches/mm	PART NO. :	TRJ46204CNL
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO. : TRC10083002

Schematic:



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/08/30	

Electrical Specification: @25℃

- 1. TURNS RATIO(±2%) :
TX=1CT:1CT RX=1CT:1CT
- 2. HIPOT:
1500VAC FOR 60 SECONDS
- 3. INSERTION LOSS:
-1.2dB MAX @ 0.1MHz TO 100MHz
- 4. RETURN LOSS:
-18dB MIN @ 1MHz TO 10MHz
-16dB MIN @ 30MHz
-12dB MIN @ 60MHz TO 100MHz
- 5. CROSS TALK:
-40dB MIN @1MHzTO 10MHz
-35dB MIN @30MHz TO 60MHz
-30dB MIN @60MHz TO 100MHz
- 6. COMMON TO COMMON MODE REJECTION:
-30dB MIN @1MHz TO 50MHz
-20dB MIN @50MHz TO 150MHz
- 7. OPRATING 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: RJ45 1×4 Tab-Down Jack With 10/100 Base-TX Magnetic Modules	
ANGLES	±1°	UNIT: inches/mm	PART NO.: TRJ46204CNL	
		SCALE: 2/1	SHEET: 2/2	REV: A DWG NO.: TRC10083002