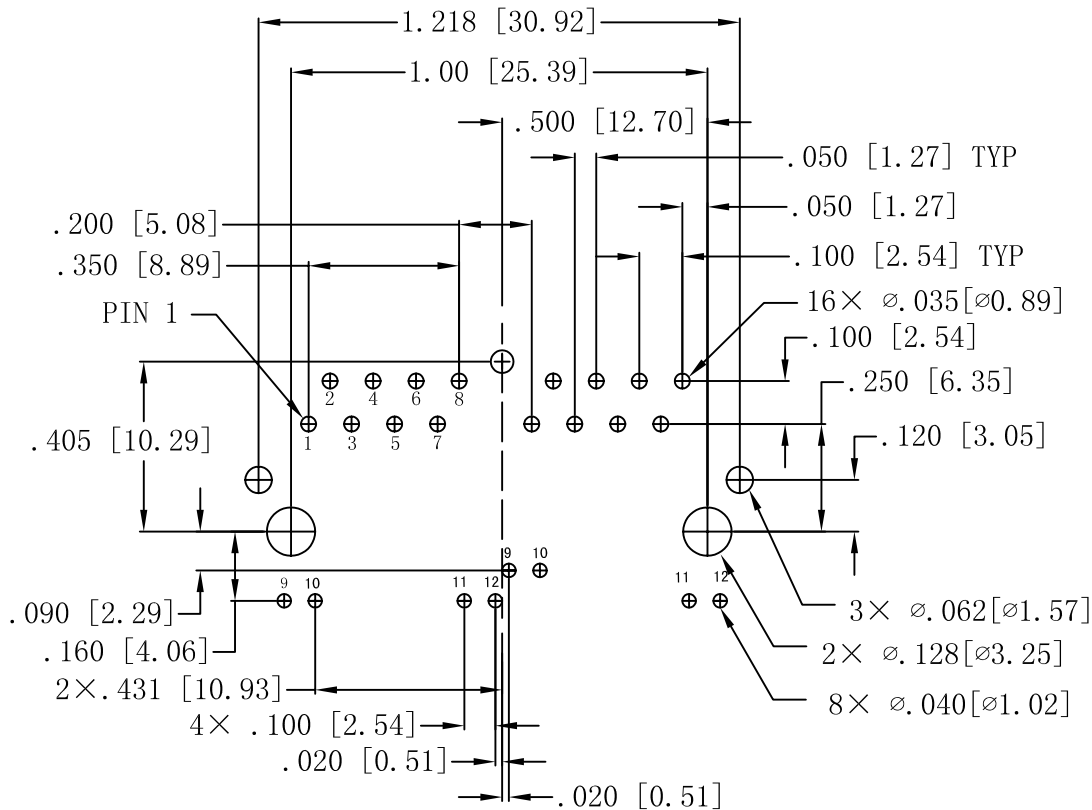
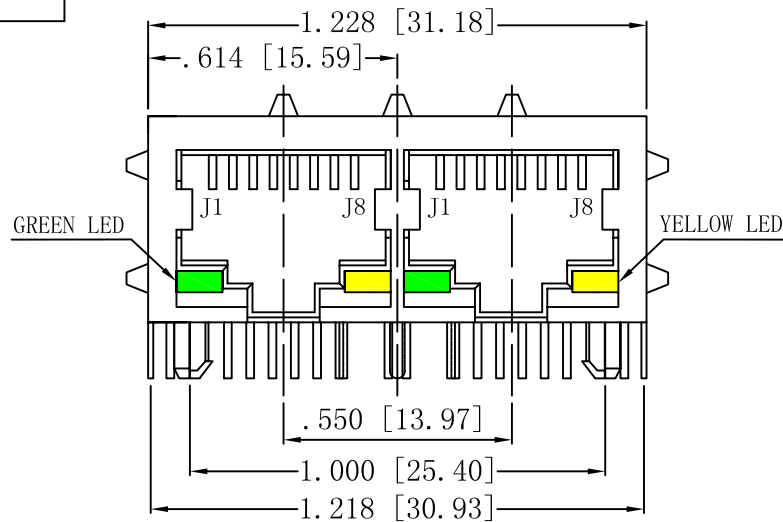
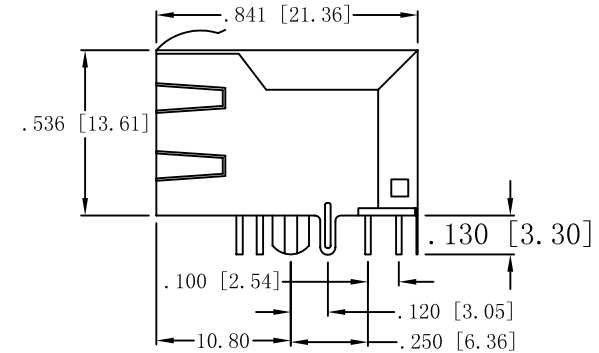


Mechanical :



SUGGESTED PCB LAYOUT (TOP VIEW)

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		17/02/2009	



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

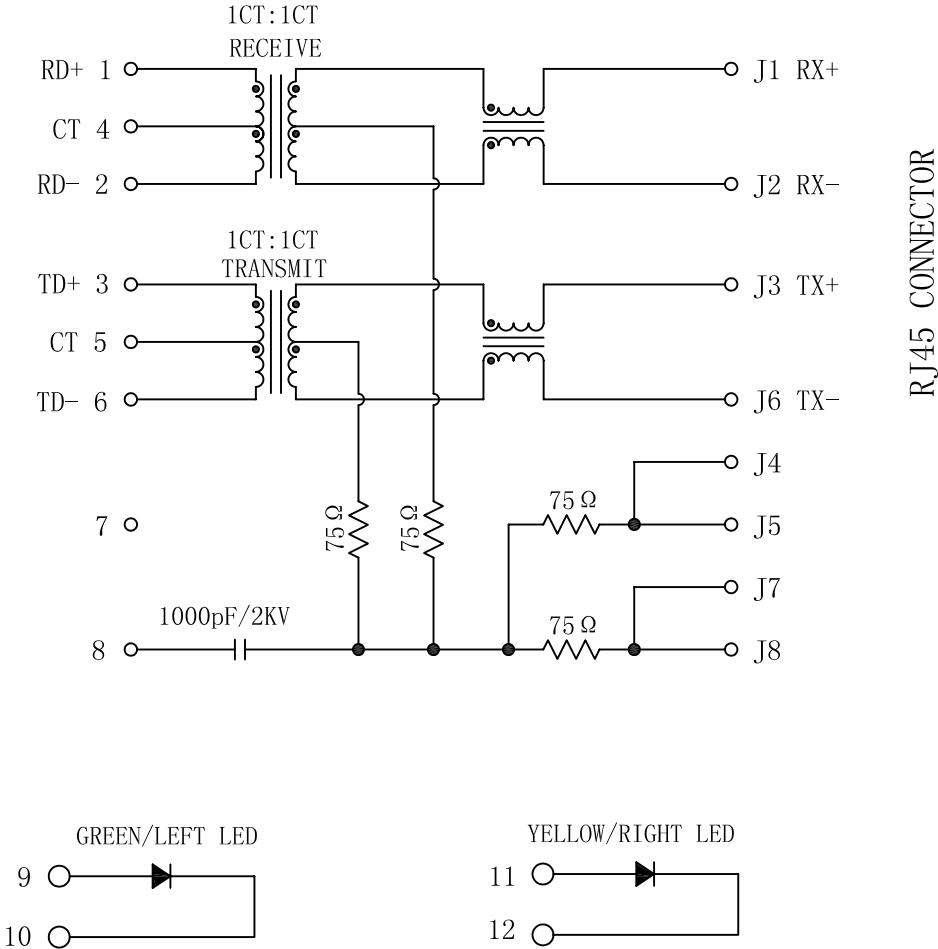


X:X	±0.20	APPD:	Trxcom ShenZhen Trxcom Electronics Co., ltd	
X:XX	±0.10	CHKD:		
X:XXX	±0.05	DR: C. H. Y	Title: RJ45 Connector With 10/100 Base-TX Integrated Magnetic	
ANGLES	±1°	UNIT: Inches/mm	PART NO.: TRJ26204AENL	
		SCALE: 2/1	SHEET: 1/2	REV: A DWG: TRC09021704

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		17/02/2009	

PC BOARD CONNECTIONS



Electrical Specifications: @25°C

- 1. Turns Ratio ($\pm 2\%$) :
TX=1CT:1CT RX=1CT:1CT
- 2. Return Loss(dB Min) :
1-10MHz:-18 30MHz:-16
60-100MHz:-12
- 3. Crosstalk:
1-100MHz:-30dB Min
- 4. Insertion Loss:
1-100MHz:-1.2dB Max
- 5. CMR:
1-50MHz:-30dB Min
50-130MHz:-20dB Min
- 6. 350uH min OCL with 8mA bias current.
- 7. Isolation Voltage:1500V
- 8. Operating Temperature:0-70°C



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 Connector With 10/100 Base-TX Integrated Magnetic	
ANGLES	$\pm 1^\circ$	UNIT: Inches/mm	PART NO. : TRJ26204AENL	
		SCALE: 2/1	SHEET: 2/2	REV: A DWG: TRC09021704