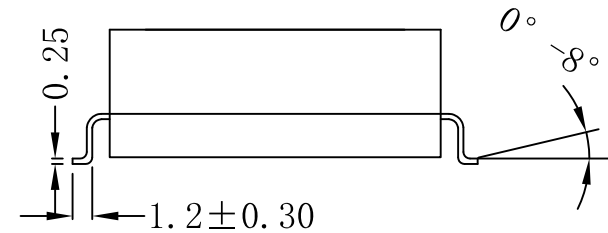
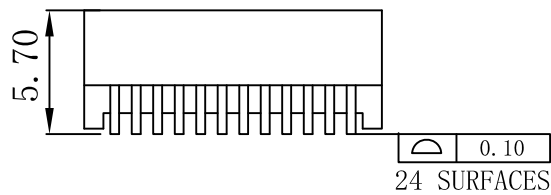
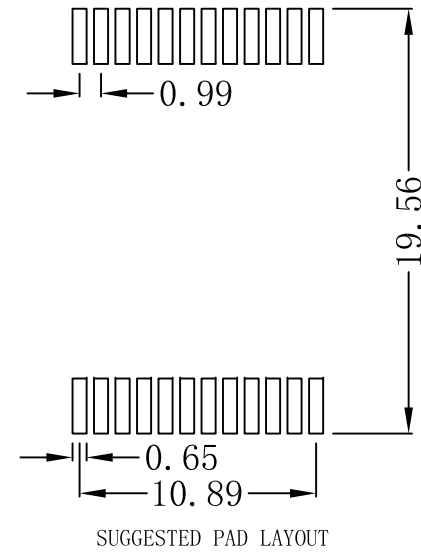
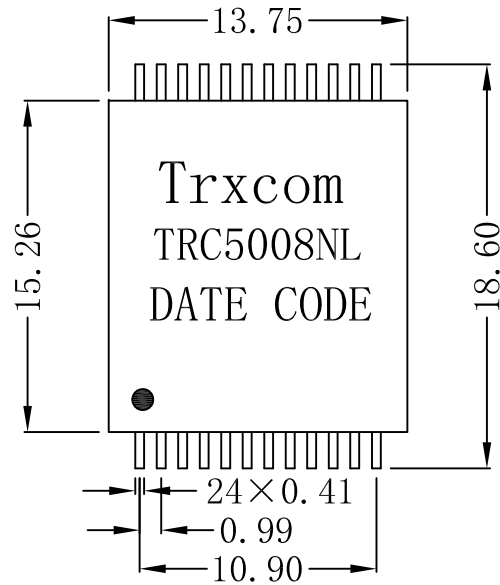


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2015-06-03	



NOTES:

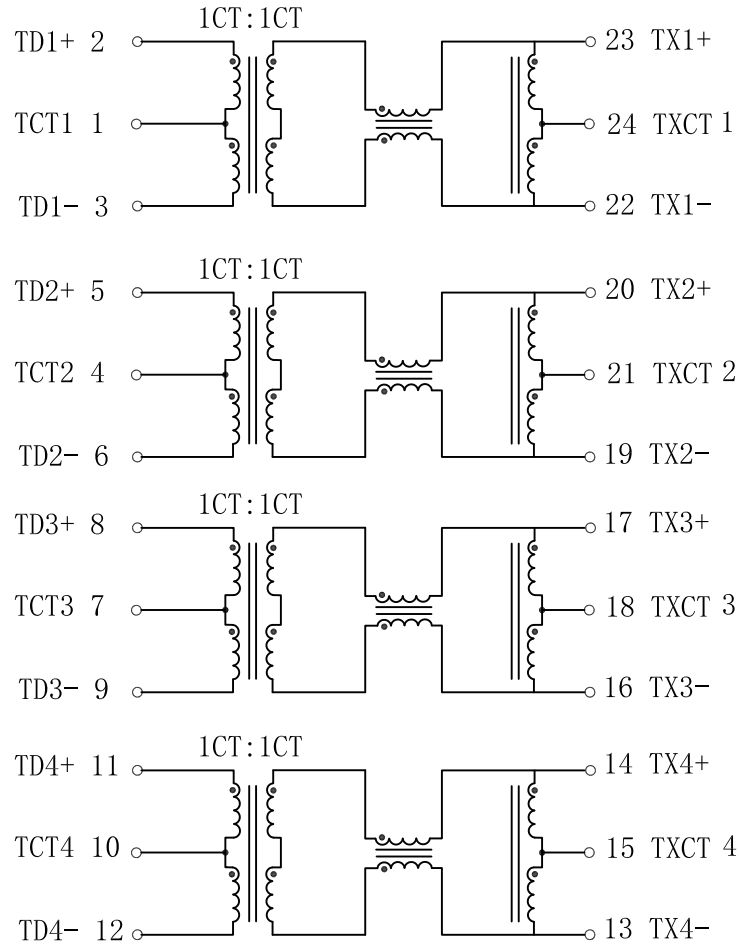
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification.
3. Maximum reflow temperature is 250°C, 5 Sec.
4. UL certification: file number E321120



X:X	APPD:	Trxcom		
X:XX ±0.25	CHKD:	Huizhou Trxcom Electronics Co., Ltd.		
X:XXX	DR: GRANT	TITLE: 1000Base-T Magnetic Modules		
ANGLES ±1°	UNIT: mm	PART NO.: TRC5008NL		
	SCALE: 2/1	SHEET: 1/2	REV: B	DWG NO.: TRC15052308

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2015-06-03	



Electrical Specifications @25°C

- Turns Ratio ($\pm 2\%$):
TX=1CT:1CT RX=1CT:1CT
- Inductance (100KHz, 100mV, 8mA):
350uH MIN
- Insertion Loss:
1-100MHz: -1.0dB Max
- Return Loss (dB Min):
1-30MHz: -18 40MHz: -18
50MHz: -16 60-80MHz: -12
100MHz: -10
- Crosstalk (dB Min):
30MHz: -45 60MHz: -40
100MHz: -33
- DCMR (dB Min):
30MHz: -43 60MHz: -37
100MHz: -33
- Hipot: 1500Vrms Min
- Operating Temperature: 0°C ~ 70°C.



X:X	APPD:	Trxcom		
X:XX ±0.25	CHKD:	Huizhou Trxcom Electronics Co., Ltd.		
X:XXX	DR: GRANT	TITLE: 1000Base-T Magnetic Modules		
ANGLES ±1°	UNIT: mm	PART NO.: TRC5008NL		
	SCALE: 2/1	SHEET: 2/2	REV: B	DWG NO.: TRC15052308