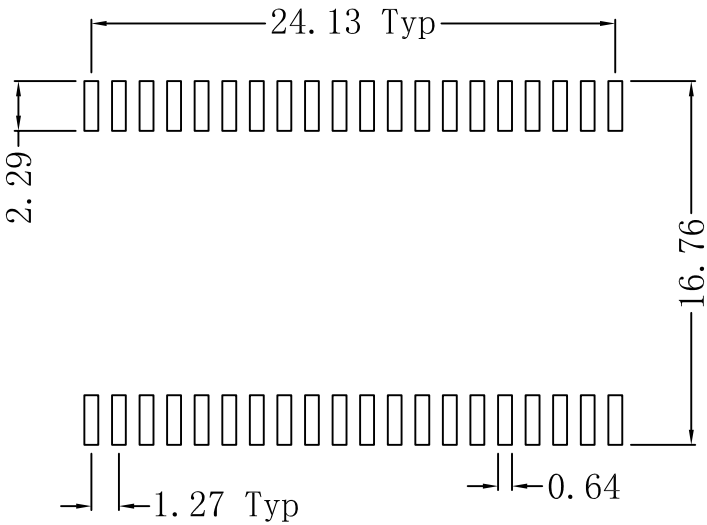
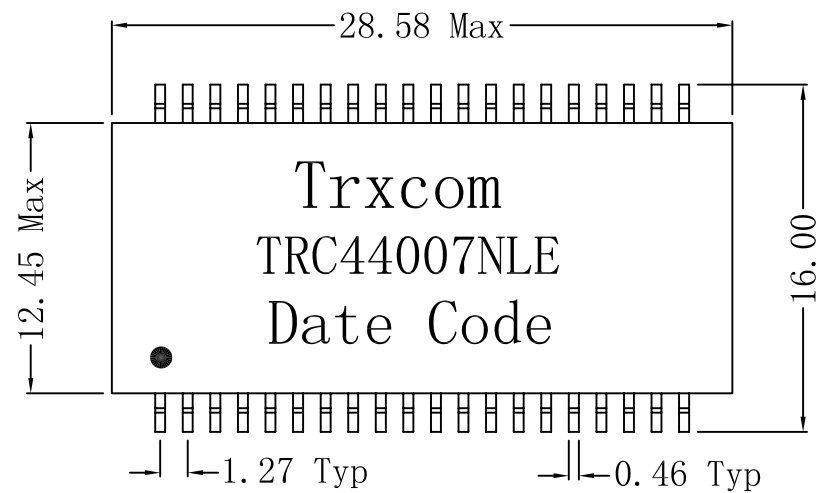
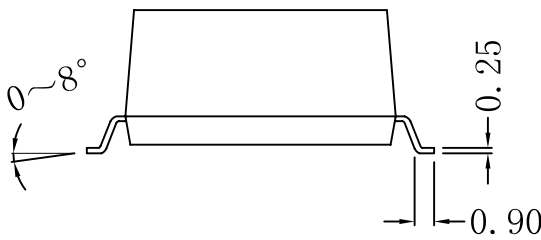
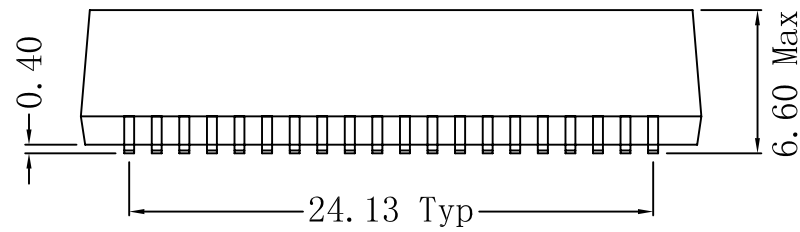


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/11/09	



SUGGESTED PAD LAYOUT



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. With various Turns Ratios.
3. 350uH min OCL with 8mA bias current.
4. RoHS "NLE" peak solder rating 235°C.
5. UL Certification: File Number E321120

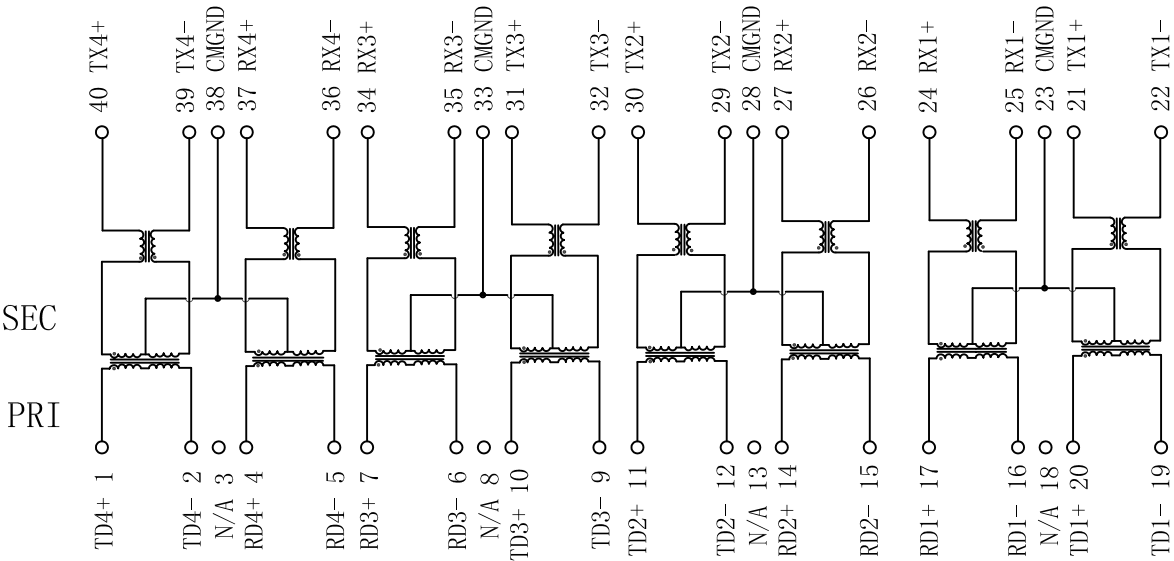


Dimensions: mm
Unless otherwise specified, all tolerances are ± 0.25

X:X	APPD:	Trxcom		
X:XX	CHKD:	ShenZhen Trxcom Electronics Co.,ltd		
X:XXX	DR: C. H. Y	Title: 10/100Base-TX Quad Port Transformer Modules		
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: TRC44007NLE		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC11110902

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/11/09	



Electrical Specifications @25°C

- Turns ratio(pri : sec):
1CT : 1CT $\pm 2\%$
- Insertion Loss:
100KHz: -1.2dB MAX
1-100MHz: -1.0dB MAX
- Return Loss(dB MIN @100 Ω $\pm 15\%$):
0.1-30MHz: -16 30-60MHz: -14
60-80MHz: -12
- Crosstalk(dB MIN):
1MHz: -50
10-100MHz: -33
- Differential to Common Mode Rejection:
2MHz: -50dB MIN
30-200MHz: -25dB MIN
- Hipot: 1500Vrms MIN
- Operating Temperature: 0°C~70°C.



X:X	APPD:	Trxcom		
X:XX	CHKD:	ShenZhen Trxcom Electronics Co.,ltd		
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ANGLES $\pm 1^\circ$	UNIT: mm	PART NO. : TRC44007NLE		
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