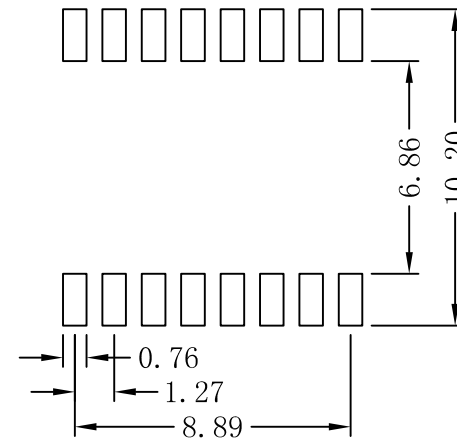
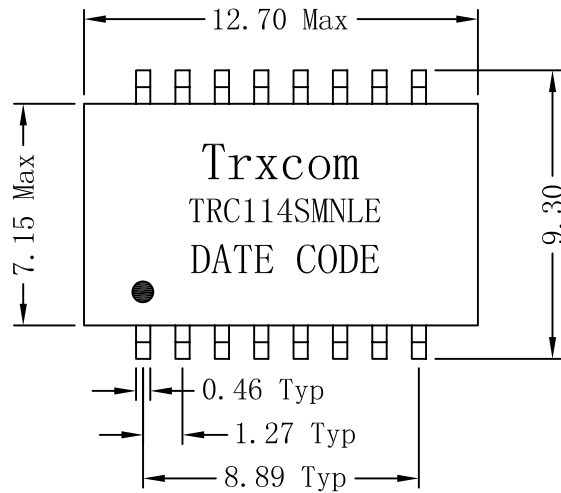
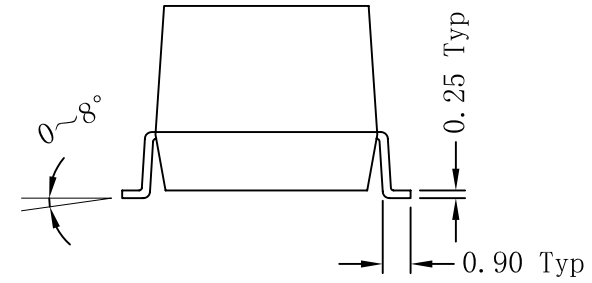
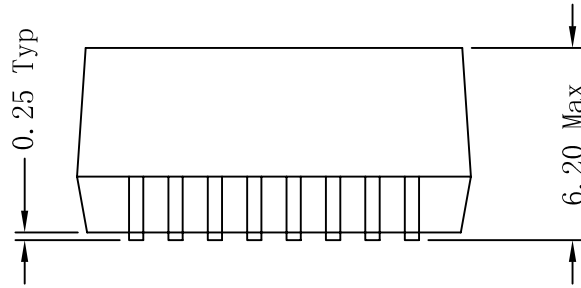


# Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		18/06/2009	



SUGGESTED PAD LAYOUT

## NOTES:

1. For Adaptor Cards, Maus, Hubs, and Motherboard applications
2. Designed to meets or exceed IEEE802.3 10Base-T specifications
3. RoHS "NLE" peak solder rating 235°C.
4. UL Certification: File Number E321120



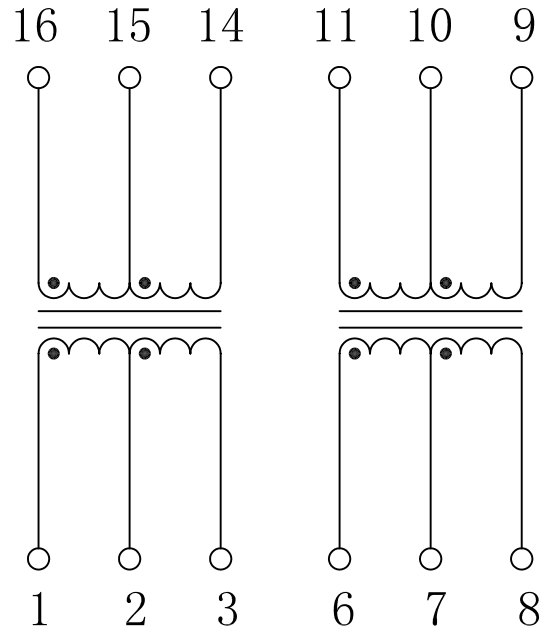
Dimensions: mm

Unless otherwise specified, all tolerances are  $\pm 0.25$

X:X	APPD:	Trxcom		
X:XX	CHKD:	ShenZhen Trxcom Electronics Co., ltd		
X:XXX	DR: C. H. Y	Title: 10 Base-T Isolation Transformer		
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.:	TRC114SMNLE	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC09061812

# Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		18/06/2009	



## Electrical Specifications @25°C

- Turns Ratio ( $\pm 5\%$ ):  
TX=1CT:1CT      RX=1CT:1CT
- Primary Pins: 1-3, 6-8.
- Sine Wave Inductance OCL:  
200uH MIN at 20mVrms, 100KHz.
- Interwinding Capacitance Cww:  
12pF MAX at 20mVrms, 100KHz
- Leakage Inductance LL:  
0.3uH MAX at 20mVrms, 100KHz
- DCR: 0.3Ω.
- Hipot: 2000Vrms
- Operating Temperature: 0°C ~ 70°C.



X:X	APPD:	Trxcom		
X:XX	CHKD:	ShenZhen Trxcom Electronics Co., ltd		
X:XXX	DR: C.H.Y	Title: 10 Base-T Isolation Transformer		
ANGLES ±1°	UNIT: mm	PART NO.:	TRC114SMNLE	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: TRC09061812