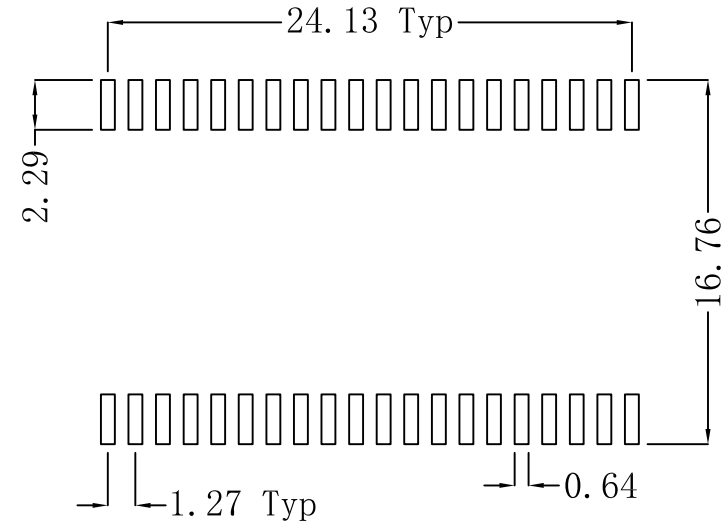
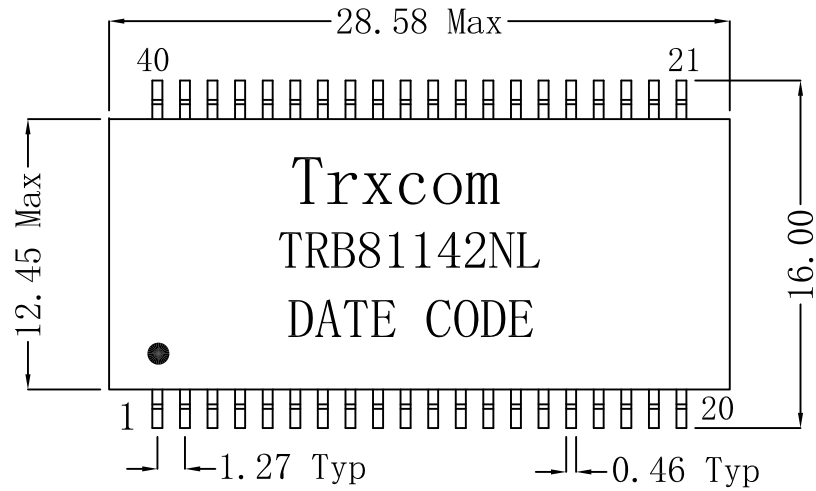
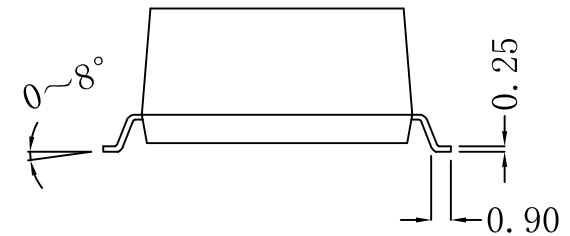
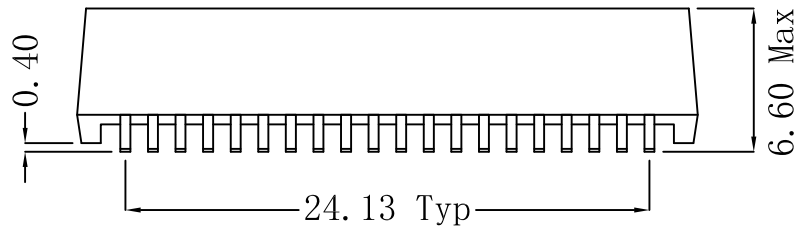


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		11/12/2008	



SUGGESTED PAD LAYOUT



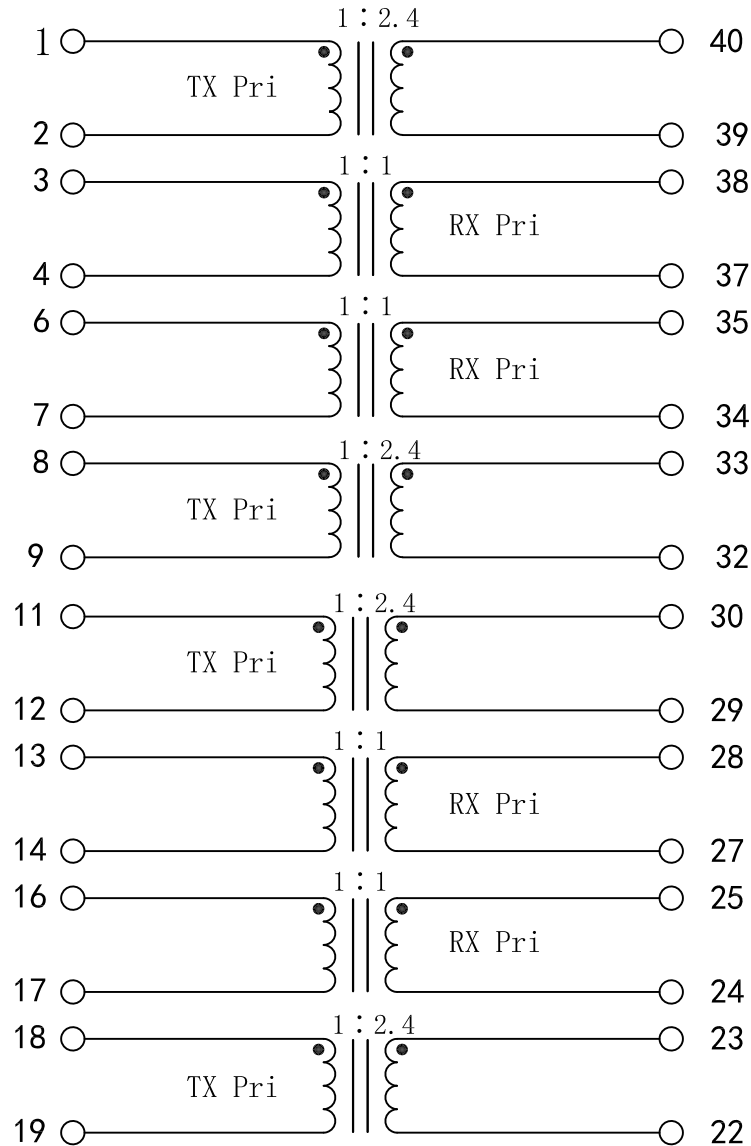
NOTES:

1. T1/CEPT/ISDN-PRI Transformer.
2. With various turns ratios.
3. The part is RoHS compliant.
4. Maximum reflow temperature is 250°C, 5 Sec.
5. UL Certification: File Number E321120.

X:X	APPD:	Trxcom		
X:XX ±0.25	CHKD:	Huizhou Trxcom Electronics Co., Ltd.		
X:XXX	DR: SEA	TITLE: T1/CEPT/ISDN-PRI Transformer		
ANGLES ±1°	UNIT: mm	PART NO.: TRB81142NL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC08121116

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		11/12/2008	



Electrical Specifications: @25°C

- Turns Ratio (Pri:Sec $\pm 2\%$):
TX = 1 : 2.4 RX = 1 : 1
- Primary Pins:
TX: 1-2, 8-9, 11-12, 18-19
RX: 24-25, 27-28, 34-35, 37-38
- OCL (TX/RX): 1.0mH Min
- Cw/w: 35pF Max
- LL (TX/RX): 0.5uH Max
- Hi-Pot: 1500Vrms
- Operating Temperature: 0°C ~ 70°C.
- Rated power: 1VA max.**



X:X	APPD:	Trxcom		
X:XX ±0.25	CHKD:	Huizhou Trxcom Electronics Co., Ltd.		
X:XXX	DR: SEA	TITLE: T1/CEPT/ISDN-PRI Transformer		
ANGLES ±1°	UNIT: mm	PART NO.: TRB81142NL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: TRC08121116