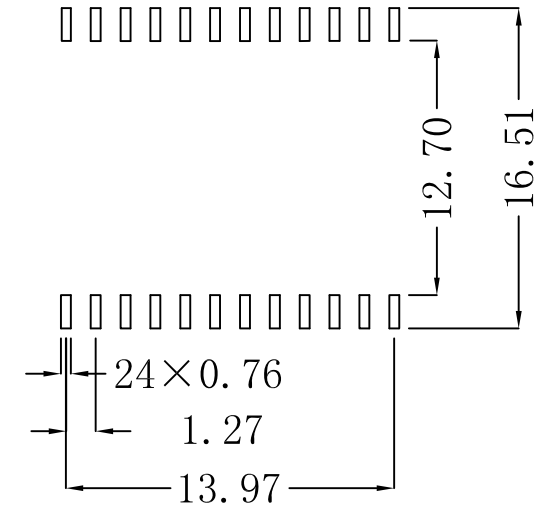
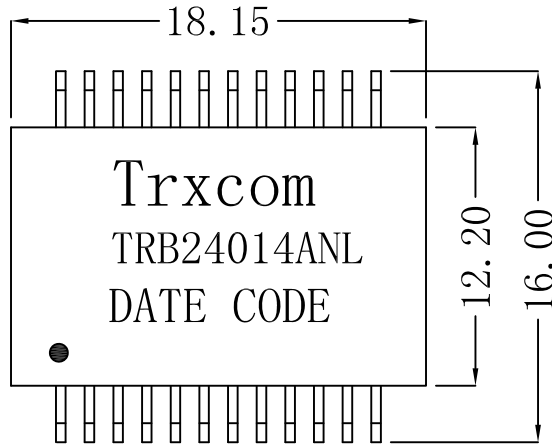
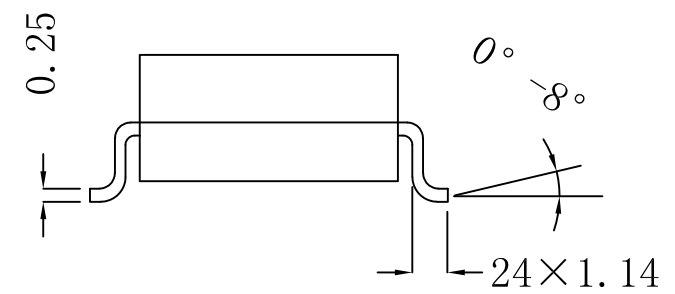
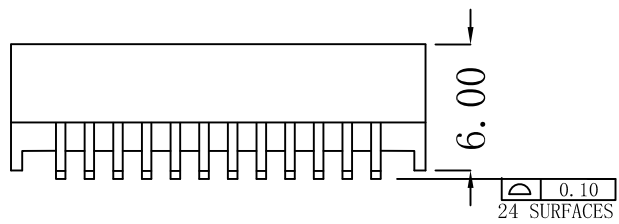


# Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-06-04	



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.



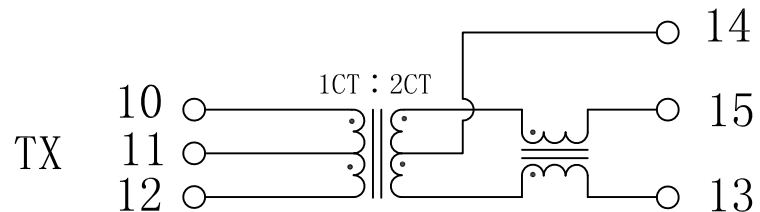
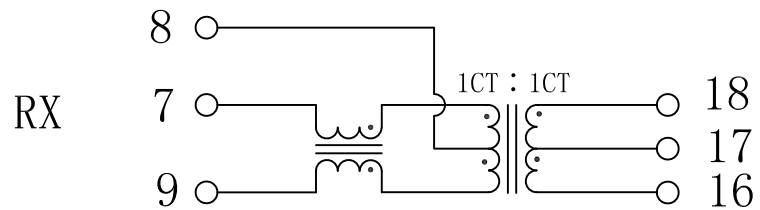
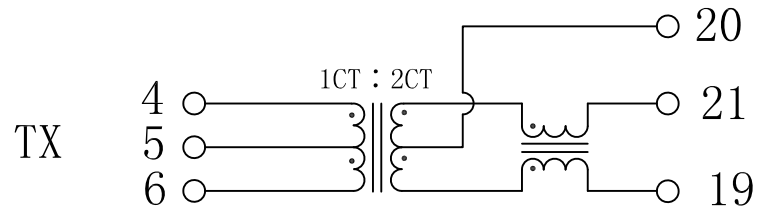
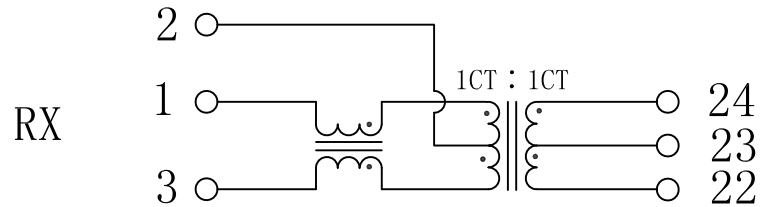
Dimensions: mm

Unless otherwise specified, all tolerances are ±0.25

X:X	APPD:	<b>Trxcom</b>		
X:XX ±0.25	CHKD:	Huizhou Trxcom Electronics Co., Ltd.		
X:XXX	DR: SEA	TITLE: SMT T1/CEPT/ISDN-PRI Transformers		
ANGLES ±1°	UNIT: mm	PART NO.: TRB24014ANL		
	SCALE: 4/1	SHEET: 1/2	REV: A	DWG NO.: TRC10040207

# Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-06-04	



## Electrical Specifications @25°C

PRI: (4-6), (10-12), (18-16), (24-22)

SEC: (1-3), (7-9), (15-13), (21-19)

### 1. Turns Ratio:

TX (PRI : SEC) = 1CT : 2CT ±2%

RX (PRI : SEC) = 1CT : 1CT ±2%

### 2. Inductance (PRI) :

1.2mH Min @100KHz, 0.1V

### 3. Leakage Inductance (PRI, Short SEC) :

0.5uH Max @100KHz, 0.1V

### 4. Interwinding Capacitance (PRI TO SEC) :

35pF Max @1MHz, 0.5V

### 5. DC Resistance (PRI) : 0.8Ω Max

### 6. Crosstalk:

0.1-10MHz: -60dB Typ

### 7. Hi-Pot Test (PRI TO SEC) :

1500Vrms @ 60Hz

### 8. Operating Temperature Range: -40°C ~ +85°C.



X:X	APPD:	<b>Trxcom</b> Huizhou Trxcom Electronics Co., Ltd.
X:XX ±0.25	CHKD:	
X:XXX	DR: SEA	TITLE: SMT T1/CEPT/ISDN-PRI Transformers
ANGLES ±1°	UNIT: mm	PART NO.: TRB24014ANL
	SCALE: 4/1	SHEET: 2/2
	REV: A	DWG NO.: TRC10040207