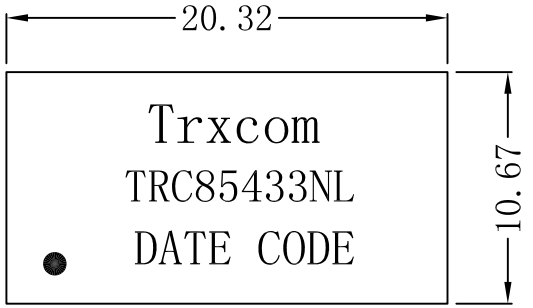
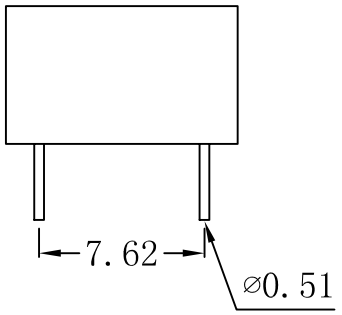
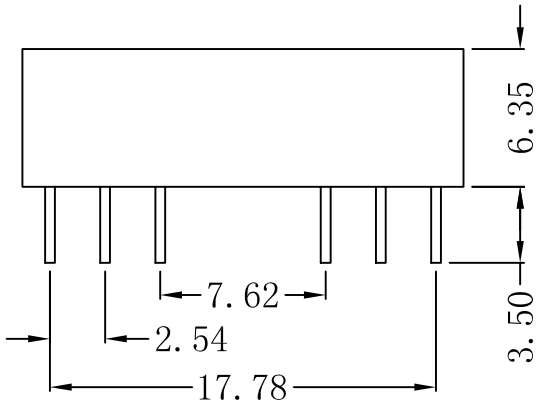
Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/08/25	







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"NL" peak solder rating 245℃.
5. UL Certification: File Number E321120

RoHS 2002/95/EC

X:X	±0.20	APPD:	
X:XX	±0.10	CHKD:	
X:XXX	±0.05	DR:	C.H.Y
ANGLES	±1°	UNIT:	mm

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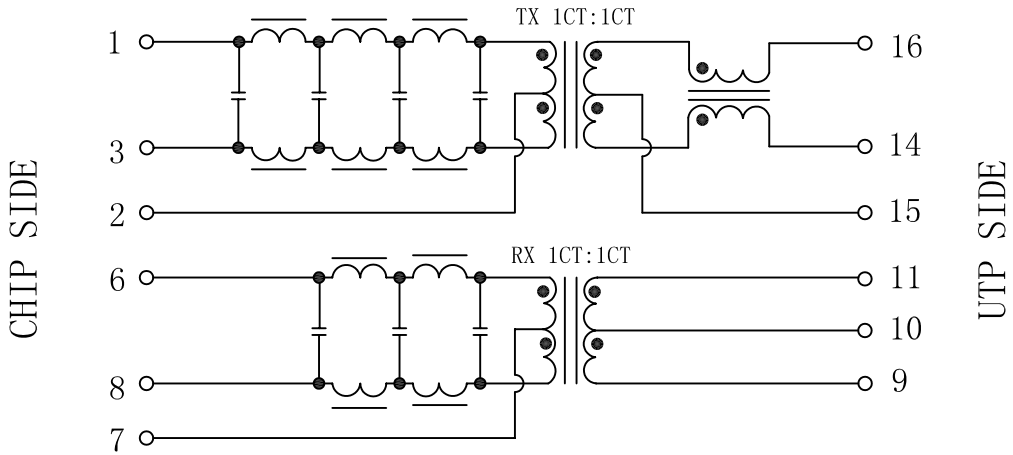
Title: 10 Base-T Isolation Transformers

PART NO.: TRC85433NL

SCALE:	SHEET:	REV:	DWG NO.:
2/1	1/2	A	TRC10082505

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/08/25	



Electrical Specifications @25℃

1. Insertion Loss:
   1-10MHz:-1.0dB MAX
2. Attenuation(dB MIN):
   30-50MHz(TX/RX):-30/-15
   50-100MHz(TX/RX):-35/-20
3. Return Loss(@100Ω±15Ω):
   1-10MHz:-15dB MIN
4. Crosstalk:
   1-30MHz:-30dB MIN
5. CMR:
   50MHz:-35dB MIN
   100MHz:-30dB MIN
6. Isolation Voltage:1500V
7. Operating Temperature:0～70℃

RoHS 2002/95/EC

X:X	±0.20	APPD:	
X:XX	±0.10	CHKD:	
X:XXX	±0.05	DR:	C.H.Y
ANGLES	±1°	UNIT:	mm

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