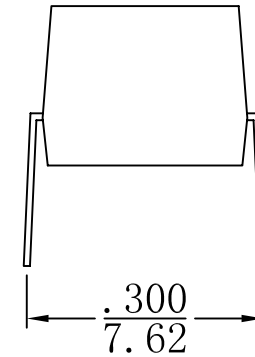
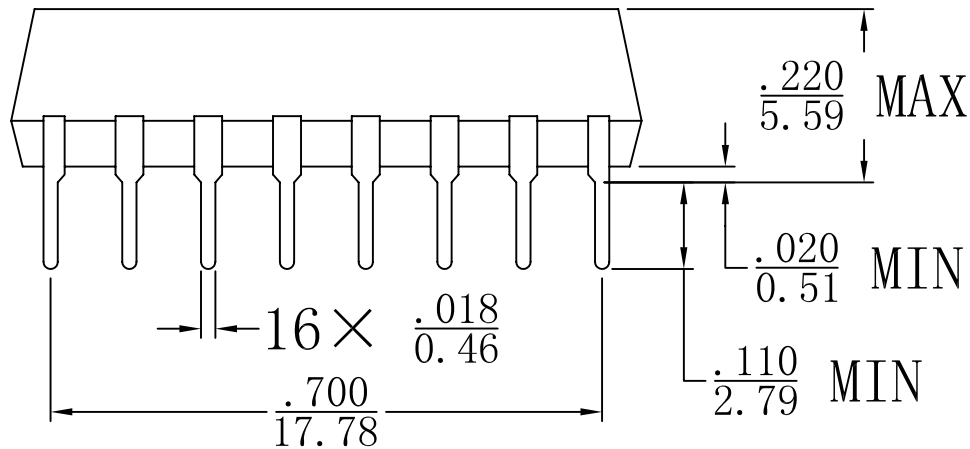


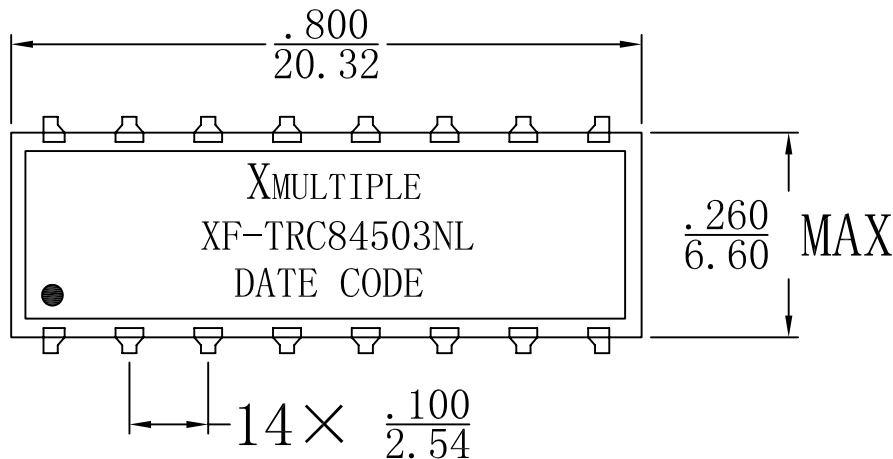
Mechanical :

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2012/12/13	



Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$



NOTES:

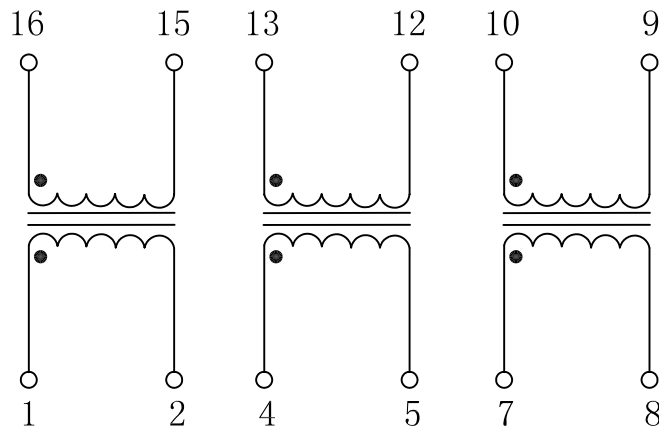
1. For Ethernet AUI Transformers
2. Low leakage inductance and coupling capacitance for faster rise times
3. DIP package
4. For RoHS parts add suffix NL
5. RoHS "NL" peak solder rating 245°C.



X:X	APPD:	XMULTIPLE
X:XX	CHKD:	
X:XXX	DR: C. H. Y	TITLE: 10 Base-T Isolation Transformer
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: XF-TRC84503NL
	SCALE: 2/1	SHEET: 1/2
	REV: A	DWG NO.: TRC10051205

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2012/12/13	



Electrical Specifications @25°C

- Turns Ratio: 1 : 1 $\pm 2\%$
- Primary Pins: 1-2/4-5/7-8
- Primary Sine Wave OCL:
100uH $\pm 20\%$ @20mVrms, 100KHz
- Interwinding Capacitance Cww:
10pF MAX @20mVrms, 100KHz
- Leakage Inductance LL:
0.20uH MAX @20mVrms, 100KHz
- DCR: 0.30 Ω MAX
- Hipot: 2000Vrms
- Operating Temperature: 0°C ~ 70°C



X:X	APPD:	X MULTIPLE
X:XX	CHKD:	
X:XXX	DR: C.H.Y	TITLE: 10 Base-T Isolation Transformer
ANGLES $\pm 1^\circ$	UNIT: mm	PART NO.: XF-TRC84503NL
	SCALE: 2/1	SHEET: 2/2
	REV: A	DWG NO.: TRC10051205