

1000M Magnetics Modules

Trxcom Technology Inc

- ※Designed to Support 1:1 Turns Ratio Transceivers
- ※Compliant with IEEE 802.3ab standard for 1000Base-T
- ※For RoHS-5 part add suffix NLE
- ※For RoHS-6 part add suffix NL
- ※For detail of RoHS Compliance, please refer to Page 55

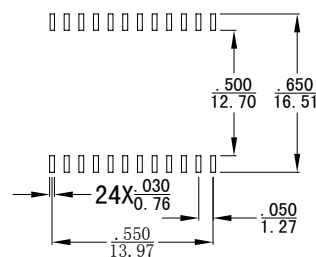
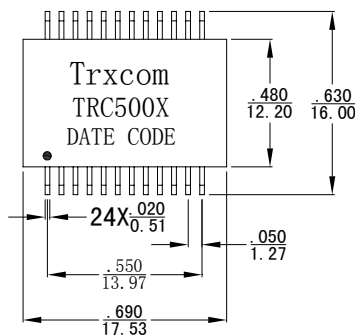


Electrical Specifications @ 25°C --- Operating Temperature 0°C to 70°C

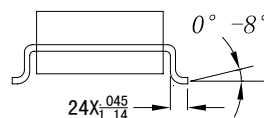
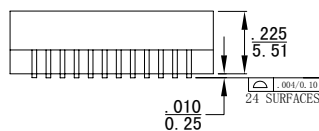
Part Number	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100 Ω)					Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
		1-100MHz	1-30MHz	40MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	
TRC5004	1.0	-18	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35	1500
TRC5007	1.0	-18	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35	1500

Mechanical

TRC5004, TRC5007



SUGGESTED PAD LAYOUT

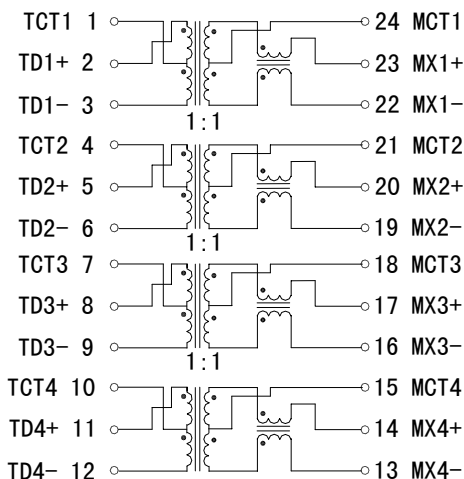


Dimensions: $\frac{\text{Inches}}{\text{mm}}$

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

Schematics

TRC5004



TRC5007

