

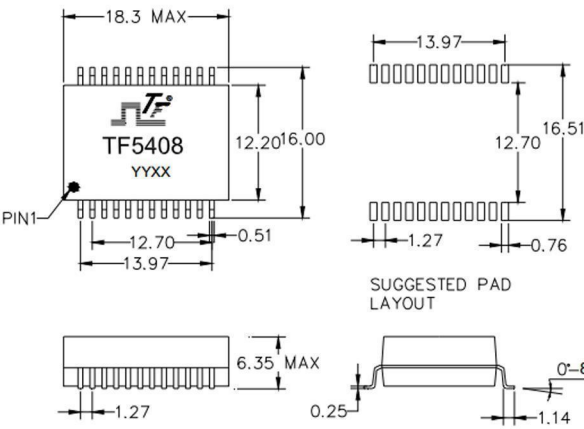
24PIN series 10G Base-Tx Magnetics Module



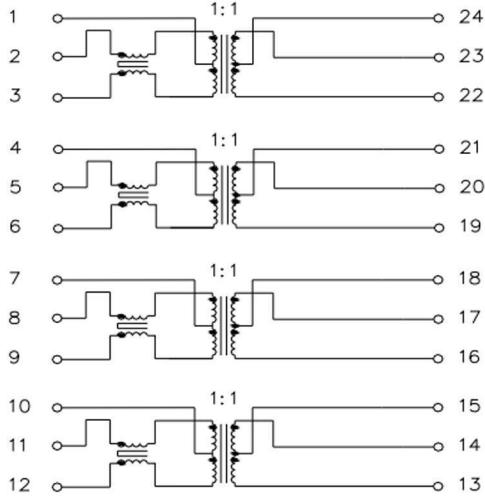
- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 350uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Compatible with various 10/100/1000 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
- ◆ Single channel interface for 1000Mbps Ethernet applications with CMC's tuned to Enhance EMC system performance
- ◆ RoHS peak reflow temperature rating 260°C
- ◆ Ambient temperature 0°C to 70°C Storage temperature Component: -20°C to +125°C.
- ◆ Tape and reel packaging: -40°C to +80°C

Part Number	Turns RATION		Insertion Loss (dB MAX)		Return Loss (dB Min)				Differntil to common Mode REJECTION(dB Min)		Crosstalk (Bb Min)		Hipot(V rmsMIN)
	TX	RX	1KHz-10 MHz	100KHz-650MHz	1-40M Hz	40-400 MHz	400-500MHz	500-600MHz	1-250MHz	250-500MHz	1-100MHz	100-500MHz	
TF5408	1CT:1CT	1CT:1CT	-1.0	-1.0	-18	-10	-8	-5	-30	-22	-40	-30	1500

Mechanicals TF5040 / TF5009

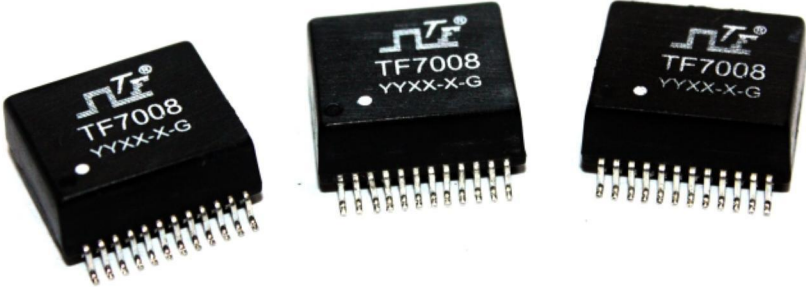


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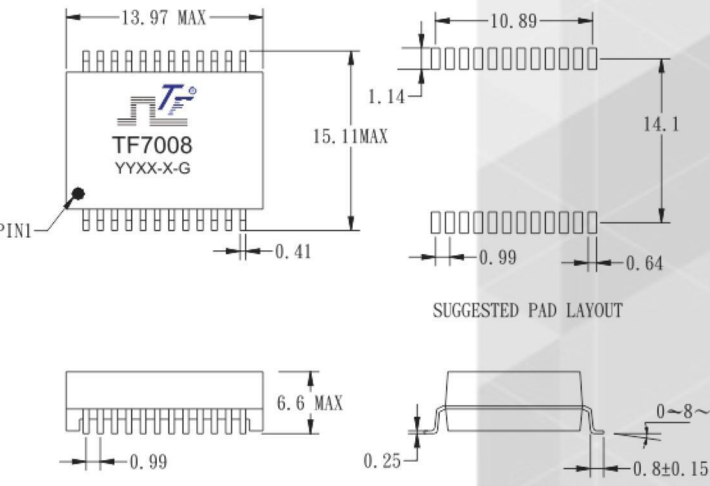
24PIN series 10G Base-Tx Magnetics Module

- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 120uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Compatible with various 10G Base-TX transceiver requiring 1:1 transmit and receive turns ratio
- ◆ Single channel interface for 10Gbps Ethernet applications with CMC's tuned to Enhance EMC system performance
- ◆ RoHS peak reflow temperature rating 260°C
- ◆ Ambient temperature 0°C to 70°C Storage temperature Component: -20°C to +125°C.
- ◆ Tape and reel packaging: -40°C to +80°C

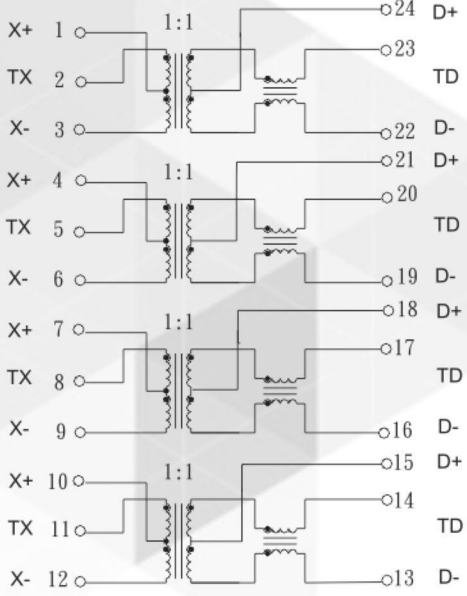


Part Number	Turns Ration		Insertion Loss (dB MAX)		Return Loss (dB Min)				Differntil to common Mode Rejection (dB Min)		Crosstalk (dB Min)		Hipot (Vrms MIN)
	TX	RX	100KHz-100MHz	100KHz-650MHz	1-40MHz	40-400MHz	400-500MHz	500-600MHz	1-250MHz	250-500MHz	1-100MHz	100-500MHz	
TF7008	1CT:1CT	1CT:1CT	-1.0	-3.0	-18	-10	-8	-5	-30	-22	-40	-30	1500

Mechanicals TF7008



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Dimensions: mm
Unless otherwise specified, all tolerances are ±0.25