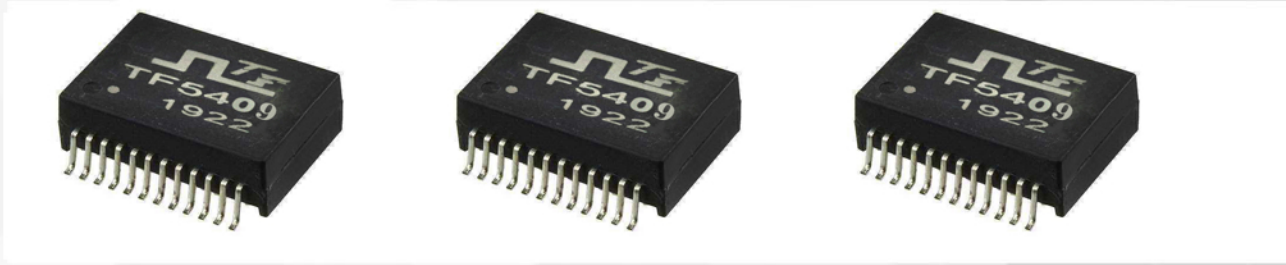




24PIN series 5G Base-Tx Magnetics Module



24PIN series 5G 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

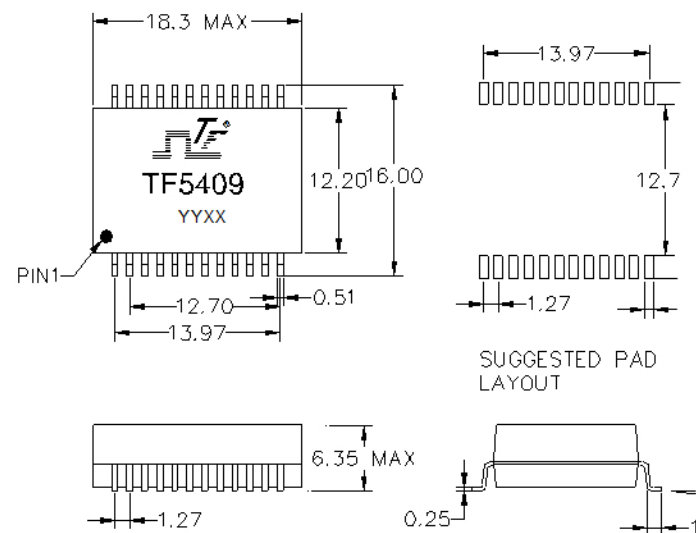
- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 120uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Compatible with various 10G Base-TX transceiver requiring 1:1 transmit and receive turns ratio
- ◆ Single channel interface for 10Gbps Ethernet applications 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



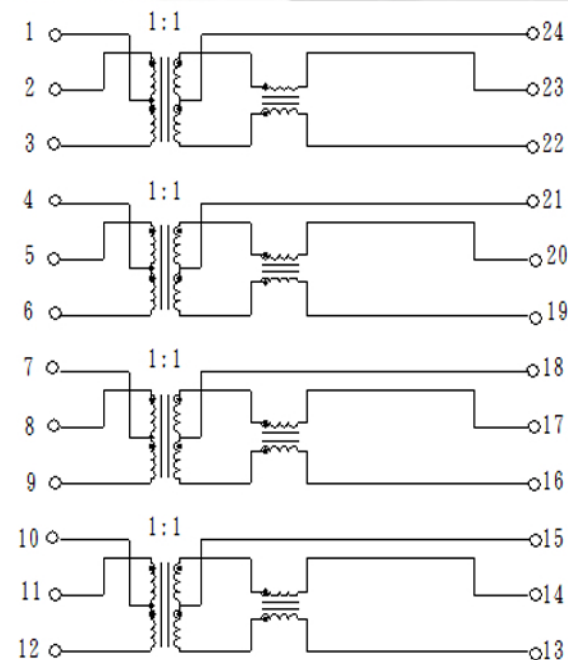
Part Number	Tums RATION		Insertion Loss (dB MAX)		Return Loss (dB Min)				Differntil to common Mode REJECTION(dB Min)		Crosstalk (Bb Min)		POE For	Hipot(V rmsMI N)
	TX	RX	1KHz-1 0MHz	100KHz- 650MHz	1-40 MHz	40-400 MHz	400-500 MHz	500-600 MHz	1-250MHz	250-500MHz	1-100MHz	100-500MHz		
TF5409	1CT:1CT	1CT:1CT	-1.0	-1.0	-18	-10	-8	-5	-30	-22	-40	-30	120W	1500

Part Number	Tums RATION		Insertion Loss (dB MAX)		Return Loss (dB Min)				Differntil to common Mode REJECTION(dB Min)		Crosstalk (Bb Min)		POE For	Hipot(V rmsMI N)
	TX	RX	1KHz-1 0MHz	100KHz- 650MHz	1-40 MHz	40-400 MHz	400-500 MHz	500-600 MHz	1-250MHz	250-500MHz	1-100MHz	100-500MHz		
TF5408B	1CT:1CT	1CT:1CT	-1.0	-1.0	-18	-10	-8	-5	-30	-22	-40	-30	15W	1500

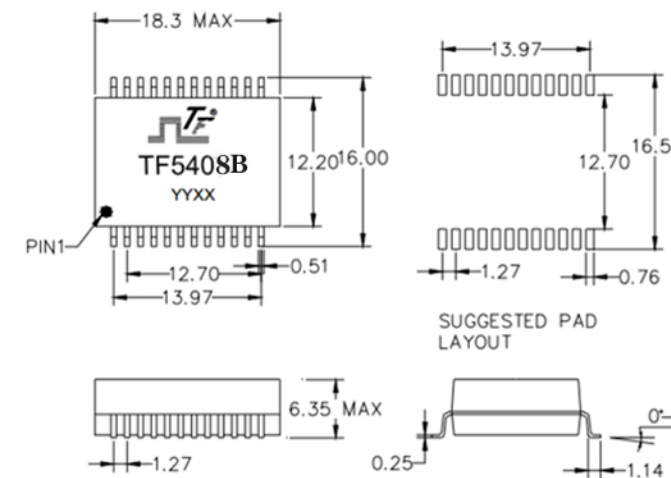
Mechanicals TF5409



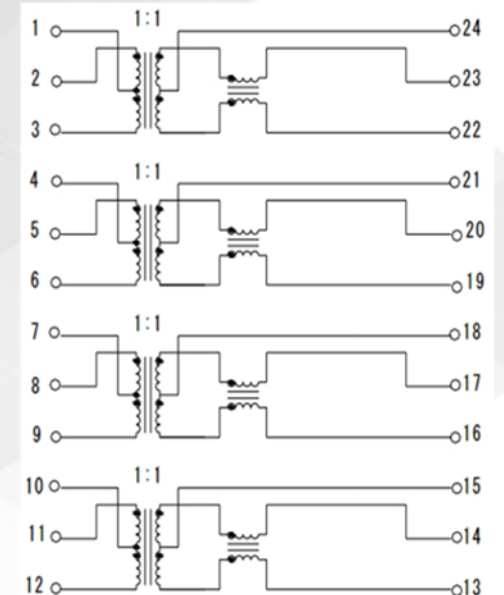
Schomatic



Mechanicals TF5408B



Schomatic



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