



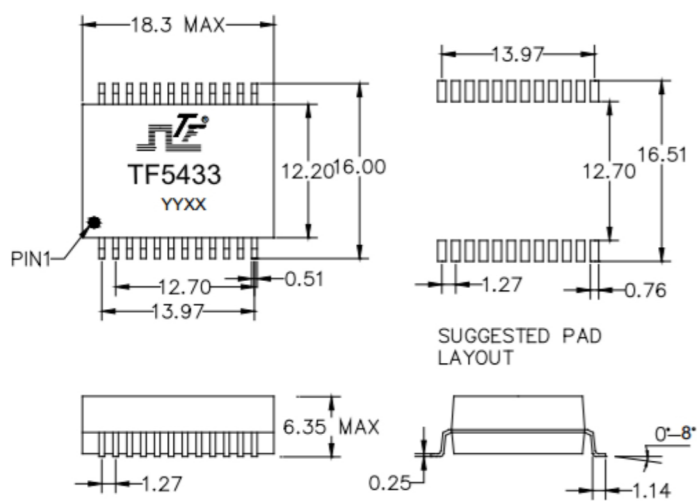
## 24PIN series 2.5G Base-Tx Magnetics Module



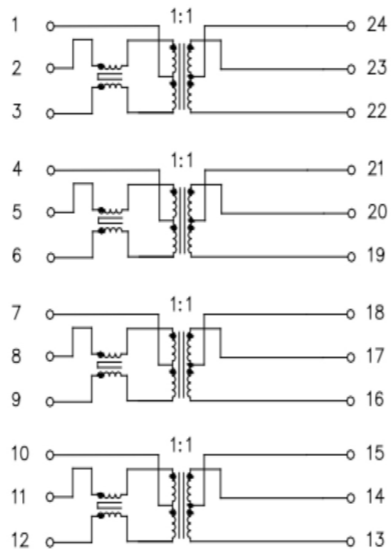
- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 350uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Compatible with various 10/100/1000 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
- ◆ Single channel interface for 1000Mbps Ethernet applications 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

Part Number	Turns RATION		Insertion Loss (dB MAX)		Return Loss (dB Min)			Differential to common Mode REJECTION(dB Min)			Crosstalk (Bb Min)			POE For	Hipot(Vrms MIN)
	TX	RX	1KHz-10MHz	100KHz-650MHz	1-30MHz	60MHz	80MHz	1-30MHz	60MHz	80-100MHz	1-30MHz	60MHz	80-100MHz		
TF5433	1:1	1:1	-1.0	-1.0	-16	-12	-10	-42	-40	-38	-42	-40	-38	60W	1500

### Mechanicals TF5433



### Schematic



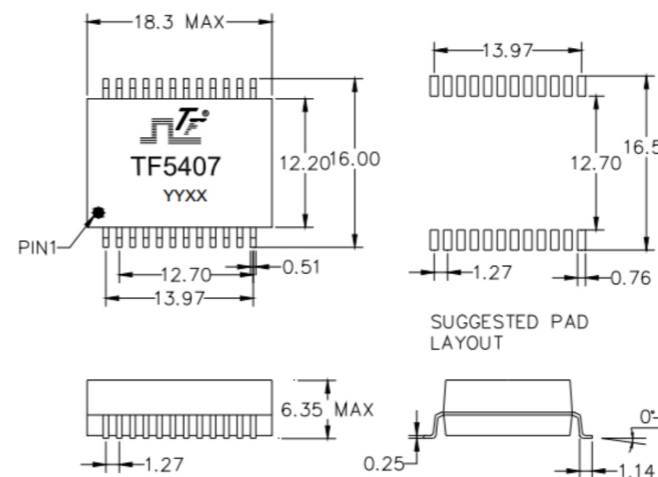
## 24PIN series 5G Base-Tx Magnetics Module

- ◆ 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

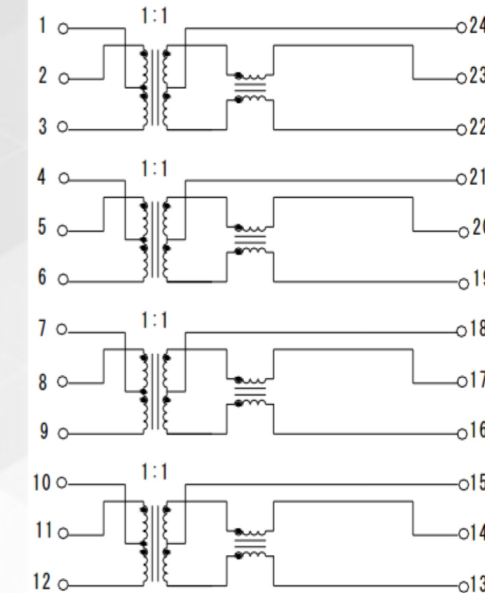


Part Number	Turns RATION		Insertion Loss (dB MAX)		Return Loss (dB Min)				Differential to common Mode REJECTION(dB Min)		Crosstalk (Bb Min)		POE For	Hipot(Vrms MIN)
	TX	RX	1KHz-10MHz	100KHz-650MHz	1-40MHz	40-400MHz	400-500MHz	500-600MHz	1-250MHz	250-500MHz	1-100MHz	100-500MHz		
TF5407A	1:1	1:1	-1.0	-1.0	-18	-10	-8	-5	-30	-22	-40	-30	120W	1500

### Mechanicals TF5407



### Schematic



Dimensions: mm

Unless otherwise specified, all tolerances are ±0.25