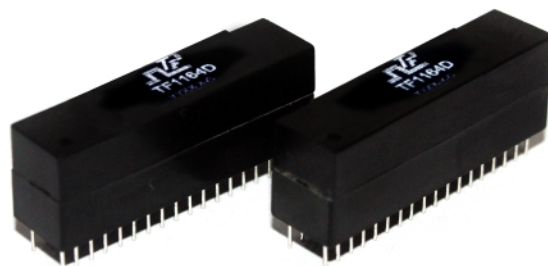




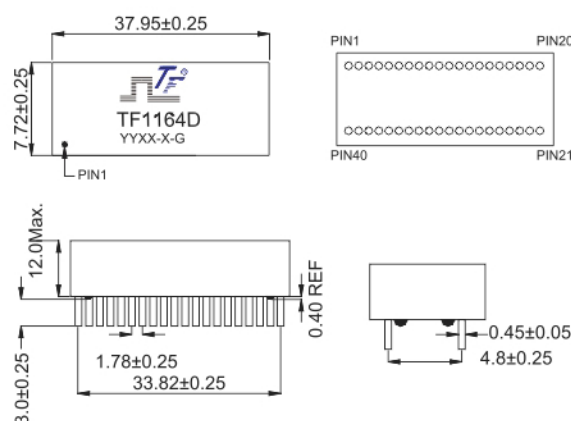
40PIN series 10/100Base-Tx Magnetics Module



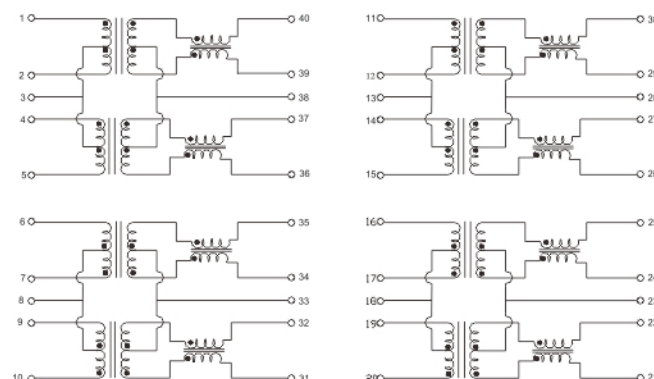
- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 350uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
- ◆ Quad port channel interface for 100Mbps Ethernet applications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

Part Number	Turns Ration		Insertion Loss (dB MAX)	Return Loss (dB Min)			Differential to common Mode Rejection (dB Min)			Crosstalk (dB Min)			Hipot (Vrms MIN)
	TX	RX		1-30MHz	60MHz	80MHz	1-30MHz	50MHz	80-100MHz	1-30MHz	60MHz	80-100MHz	
TF1164D	1CT:1CT	1CT:1CT	-1.1	-16	-12	-10	-42	-40	-35	-42	-40	-38	1500

Mechanicals TF1164D



Schematic



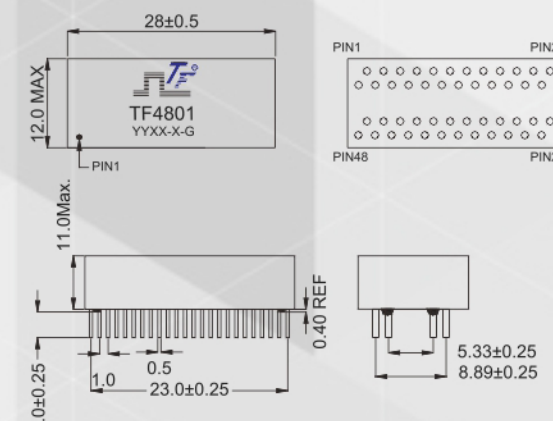
48PIN series 10/100/1000Base-Tx Magnetics Module



- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 350uH OCL when Biased at 8mA from 0°C to 70°C(POE+ FOR 700mA)
- ◆ Compatible with various 10/100 Base-TX transceiver requiring 1:1 transmit and receive turns ratio
- ◆ Quad port channel interface for 10/100/1000Mbps 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.

Part Number	Turns Ration		Insertion Loss (dB MAX)	Return Loss (dB Min)			Differential to common Mode Rejection (dB Min)			Crosstalk (dB Min)			Hipot (Vrms MIN)
	TX	RX		1-30MHz	60MHz	80MHz	1-30MHz	60MHz	80-100MHz	1-30MHz	60MHz	80-100MHz	
TF4801	1CT:1CT	1CT:1CT	-1.1	-16	-12	-10	-42	-40	-35	-42	-40	-38	1500

Mechanicals TF4801



Schematic

