

Part Number: AE-SC48004

10/100/1000 BASE DUAL PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard..
- RoHS compliant.
- Operating temperature range :0°C to +70°C.
- Storage temperature range:-40°C to +125°C.



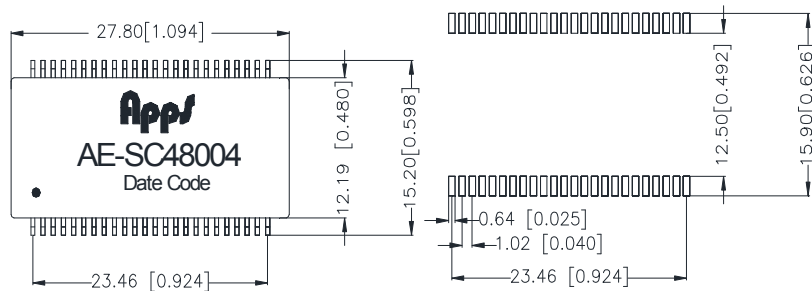
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max)	Cross Talk (dB Min)		HI-POT (Vrms)
	TX	RX			1-60MHz	60-100MHz	
AE-SC48004	1CT:1CT	1CT:1CT	350	-1.0	-35	-30	1500

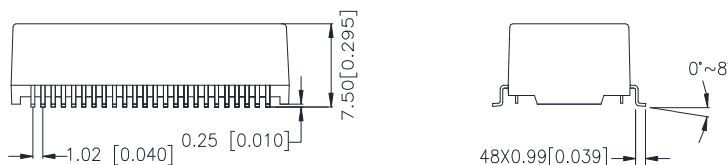
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Part Number	Return Loss (dB Min)					DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
AE-SC48004	-18	-14.4	-13.1	-12	-10	-40	-35	-30

Mechanicals:



SUGGESTED PCB LAYOUT



Dimension: mm[Inch]±0.25[0.010]

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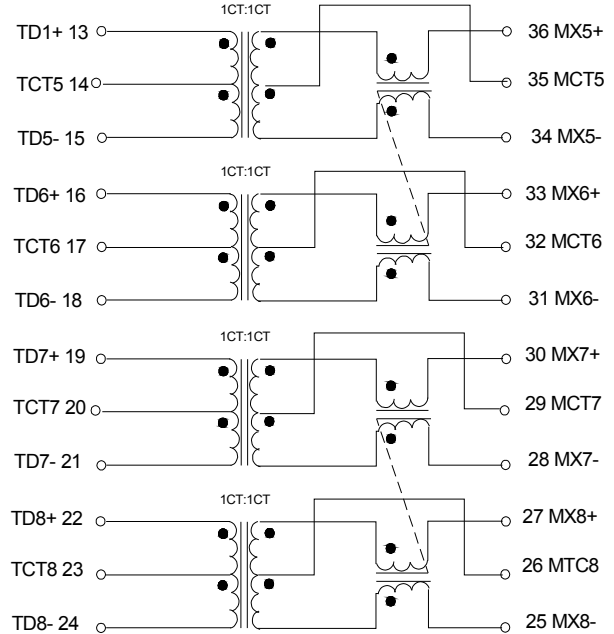
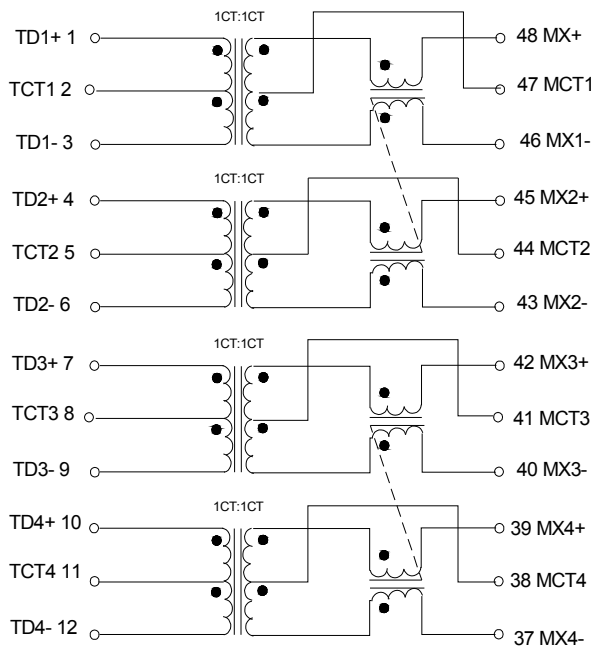
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Schematics:



Package:

