

Part Number: AE-SD24811PH

10G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3bt standard.
- RoHS compliant.
- Power over Ethernet(PoE) Magnetics, 90W@57V.
- Operating temperature range : -40°C to +85°C.
- Storage temperature range:-40°C to +125°C.

Electrical Specifications @ 25°C

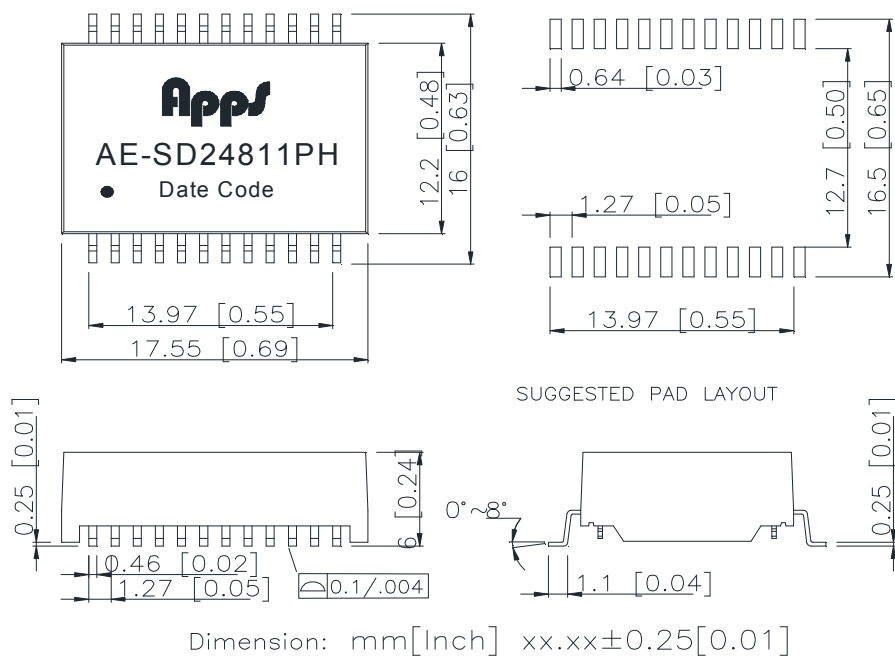
Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)			DCMR (dB Min)		HI-POT (Vrms)
			1-200MHz	200-350MHz	350-500MHz	1-100MHz	100-500MHz	
AE-SD24811PH	1CT:1CT	120	-1.0	-2.0	-3.0	-30	-20	1500

Continue

Part Number	Return Loss (dB Min)		Cross Talk (dB Min)		CMRR (dB Min)		
	1-40MHz	40-500MHz	1-100MHz	100-500MHz	1-100MHz	100-250MHz	250-500MHz
AE-SD24811PH	-17	-17+10*lg(f/40)	-30	-25	-30	-25	-20

Note:f is frequency in MHz.

Mechanicals:

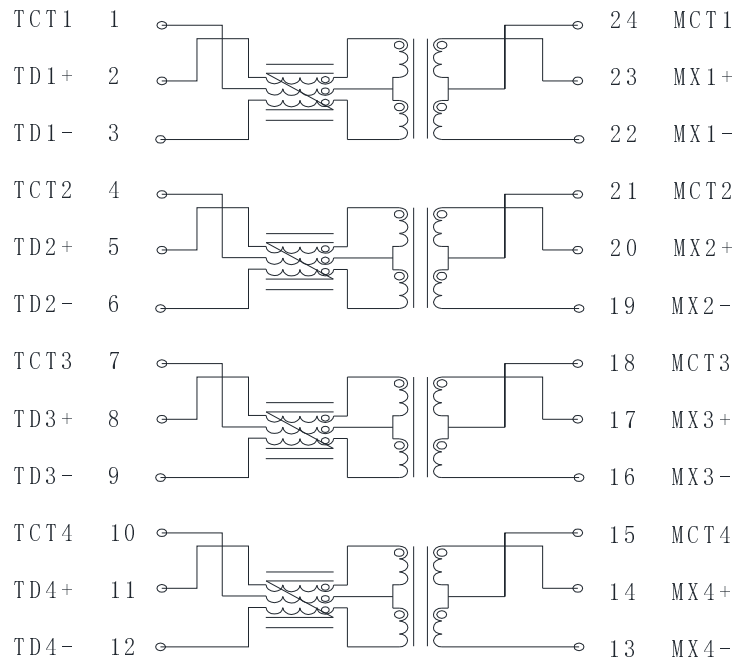


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Schematics:



Package:

