

Part Number: AE-SD24005

10G BASE SINGLE 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.



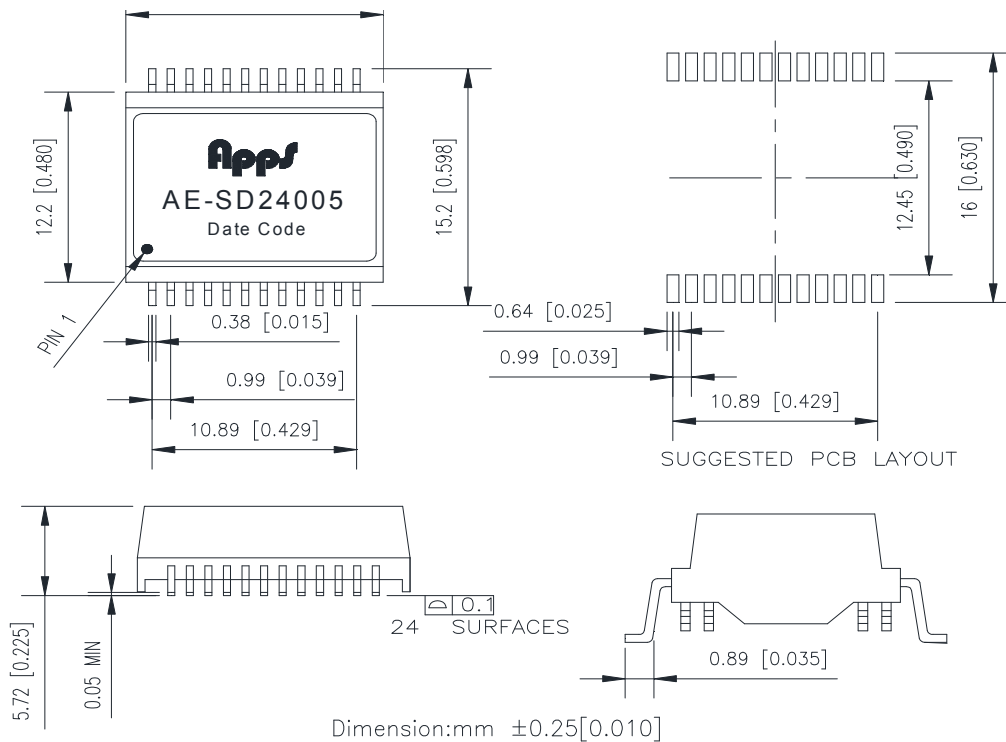
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)			HI-POT (Vrms)	DCMR (dB Min)	
			100kHz	1-400MHz	500MHz		1-250MHz	250-500MHz
AE-SD24005	1CT:1CT	120	-3	-1.0	-2.0	1500	-30	-20

Continue

Part Number	Return Loss (dB Min)		Cross Talk (dB Min)		CMRR (dB Min)		
	1-40MHz	40-500MHz	1-100MHz	100-500MHz	1-100MHz	100-300MHz	300-500MHz
AE-SD24005	-18	-18+9*log(f/40)	-40	-30	-35	-30	-22

Mechanicals:

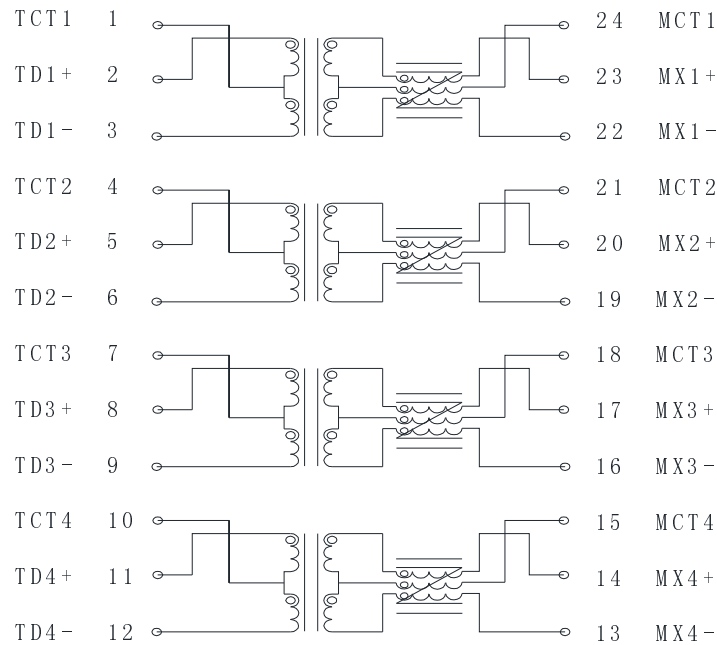


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Schematics:



Package:

