

Part Number: AE-SD24003

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:-20°C to +125°C.



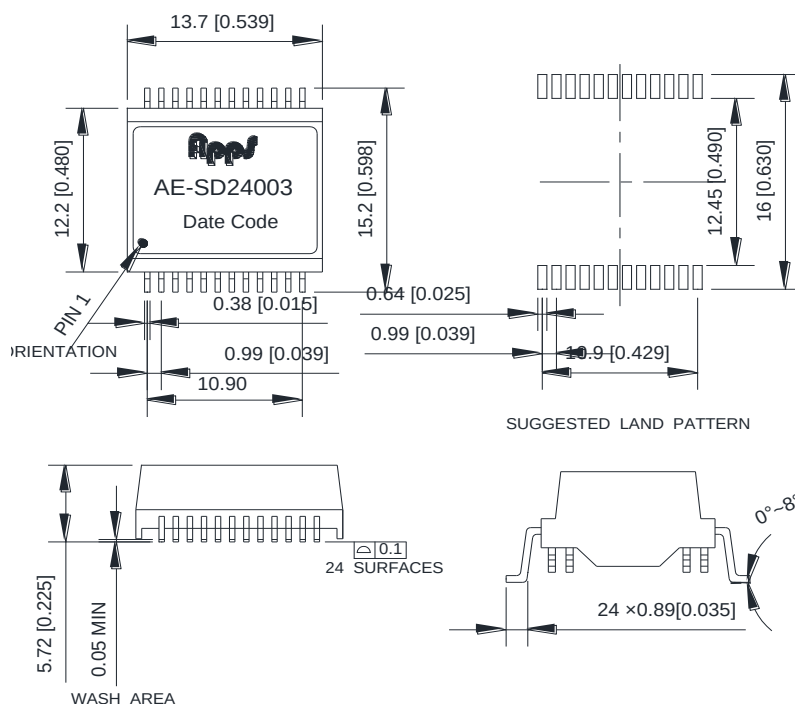
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(uH Typ) @100KHz/0.1V	Insertion Loss (dB Max)		HI-POT (Vrms)	DCMR (dB Min)	
			100kHz	1-500MHz		1-250 MHz	250-500MHz
AE-SD24003	1CT:1CT	120	-3	-1	1500	-30	-22

Continue

Part Number	Return Loss (dB Min)		Cross Talk; (dB Min)		CMR(dB Min)		
	2-100MHz	100-500MHz	1-100 MHz	100-500 MHz	1-100 MHz	100-300 MHz	300-500MHz
AE-SD24003	-25	-11+17*log(f/400)	-40	-30	-35	-30	-25

Mechanicals:



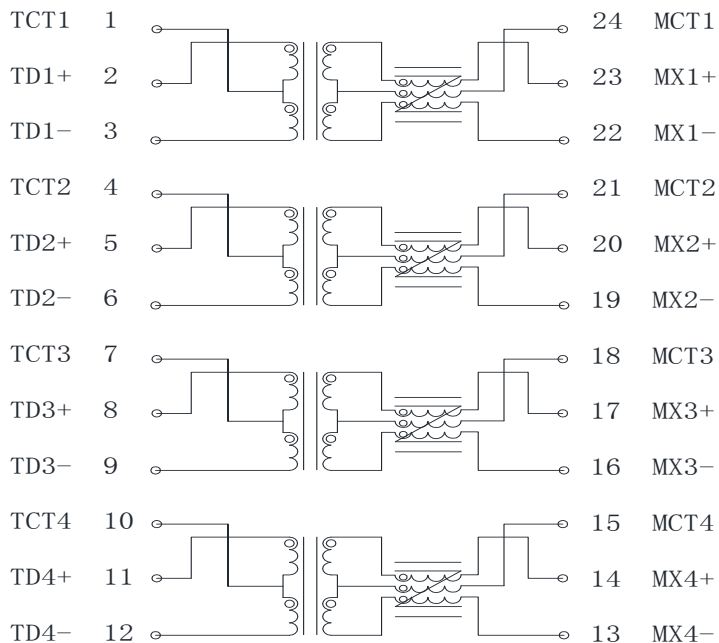
Dimension:mm ±0.25[0.010]

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Schematics:



Package:

