

Part Number: AE-SD24002

10G BASE SINGLE PORT TRANSFORMER

- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -20°C to +125°C.



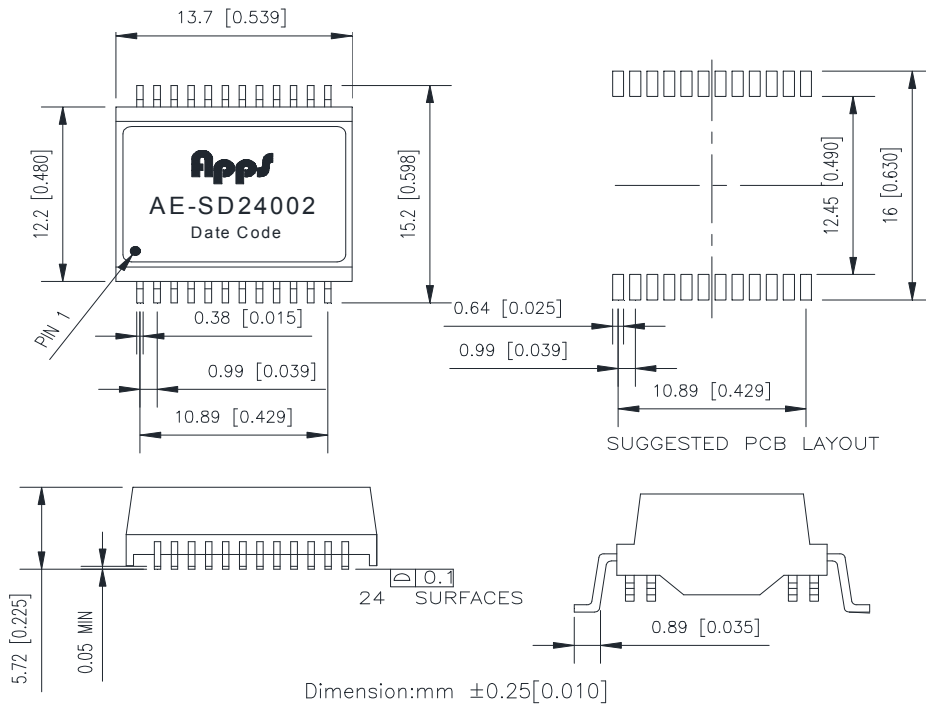
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL (μH Min) @100KHz/0.1V	Insertion Loss (dB Max)			HI-POT (Vrms)	DCMR (dB Min)	
			100kHz	1-400MHz	400-500MHz		1-250MHz	250-500MHz
AE-SD24002	1CT:1CT	200	-3	-1.5	-3	1500	-30	-22

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-SD24002	-18	-17+10*log(f/40)	-40	-30	-35	-30	-25

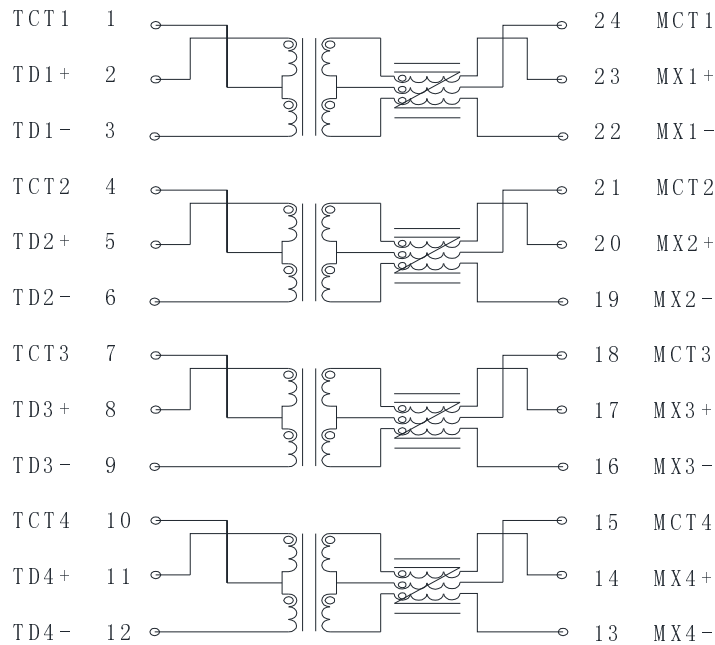
Mechanicals:



Part Number: AE-SD24002

10G BASE SINGLE PORT TRANSFORMER

Schematics:



Package:

