

Part Number: AE-SD24004P

10G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Power over Ethernet(PoE) Magnetics,500mA(RJ45 PINS1-8) current capability.
- Operating temperature range:0°C to +70°C.
- Storage temperature range:-20°C to +125°C.



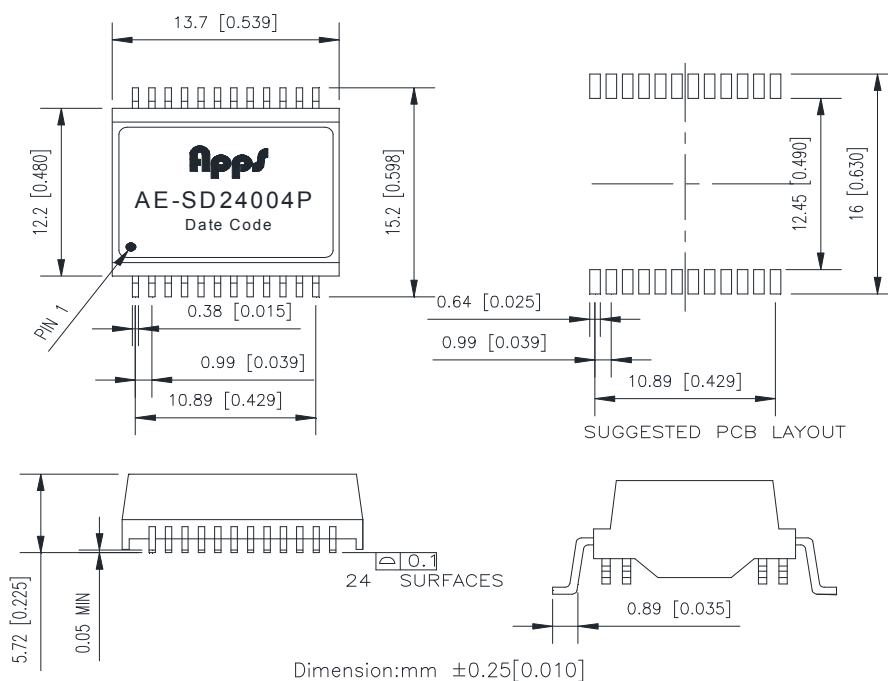
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)		DCMR (dB Min)		HI-POT (Vrms)
			300 kHz	1-400 MHz	1-250 MHz	250-500 MHz	
AE-SD24004P	1CT:1CT	120	-3	-2.0	-30	-22	1500

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Part Number	Return Loss (dB Min)					Cross Talk (dB Min)		CMRR (dB Min)	
	1 MHz	2-100 MHz	100-200 MHz	200-400 MHz	400-500 MHz	1-100 MHz	100-500 MHz	1-100 MHz	100-500 MHz
AE-SD24004P	-20	-19	-19+3* (f-100/100)	-16+7* (f-200/200)	-9+4* (f-400/400)	-40	-30	-35	-25

Mechanicals:

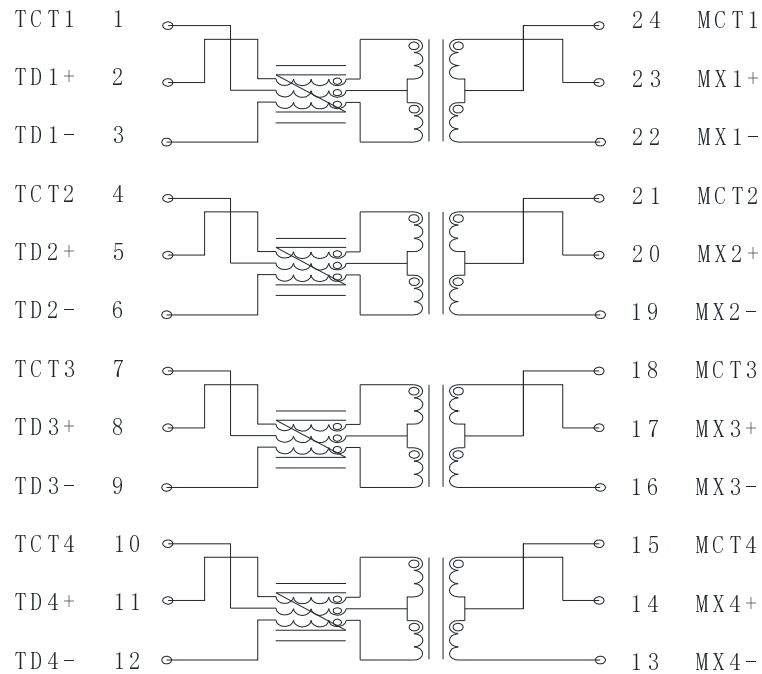


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Schematics:



Package:

