

Part Number: AE-SD24011P

10G BASE SINGLE PORT TRANSFORMER

Page: 1/2

- Compliant with IEEE 802.3 standard.
- Power over Ethernet(PoE) Magnetics,1.0A current capability.
- RoHS compliant.
- Operating temperature range:0°C to +70°C.
- Storage temperature range:-20°C to +125°C.



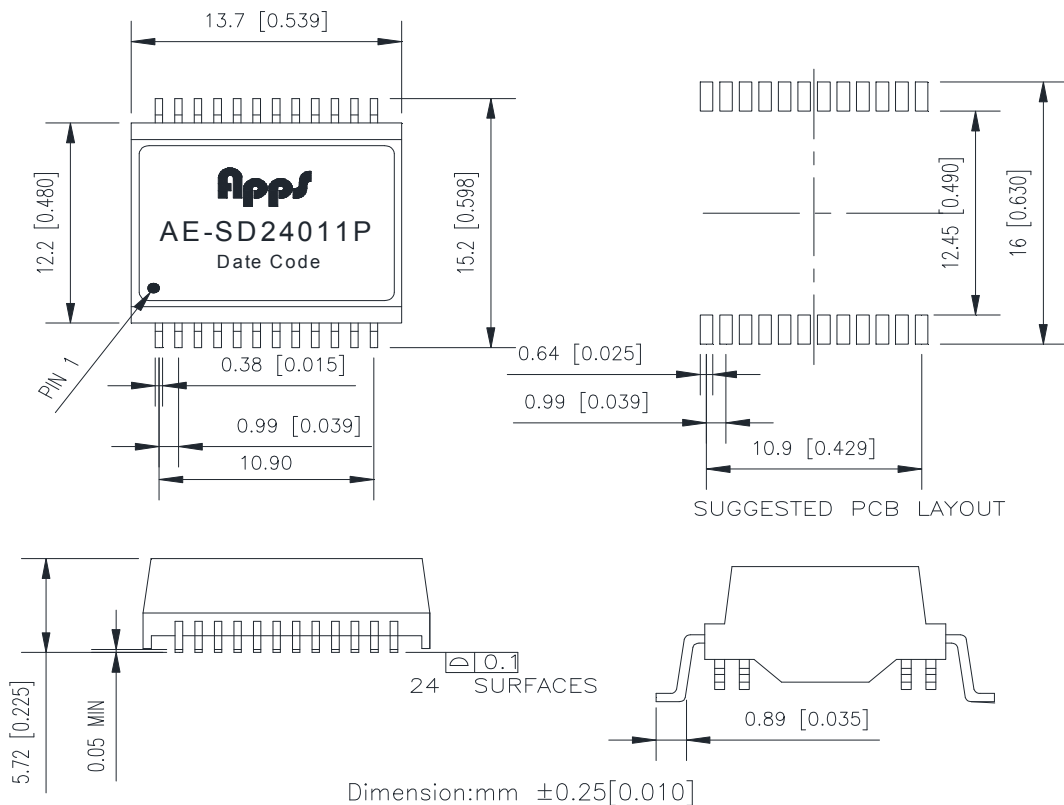
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V With 15.0mA DC	Insertion Loss (dB Max)		DCMR (dB Min)		
			100kHz	1-400MHz	1-100 MHz	100-300MHz	300-500MHz
AE-SD24011P	1CT:1CT	100	-3	-2	-40	-30	-25

Continue

Part Number	Return Loss (dB Min)		Cross Talk (dB Min)		CMR (dB Min)			HI-POT (Vrms)
	1-40MHz	40-400MHz	1-100MHz	100-400MHz	1-100MHz	100-300MHz	300-500MHz	
AE-SD24011P	-20	-20+12*log(f/40)	-40	-30	-37	-30	-25	1500

Mechanicals:

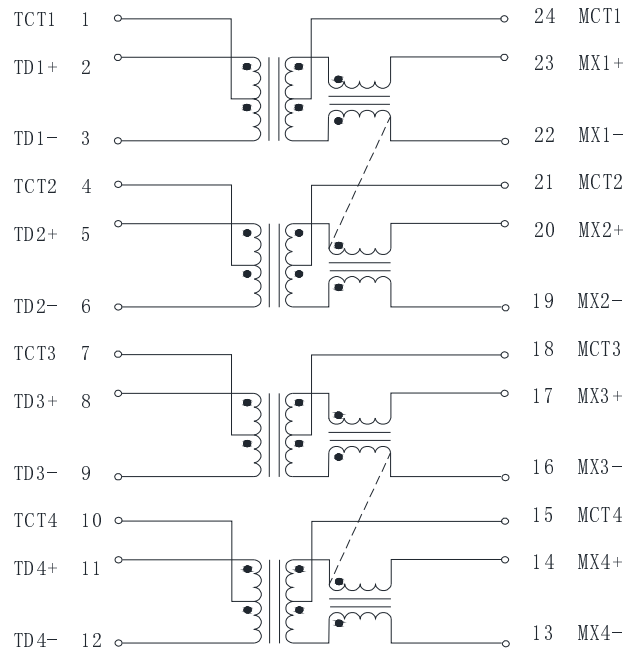


Part Number: AE-SD24011P

10G BASE SINGLE PORT TRANSFORMER

Page: 2/2

Schematics:



Package:

