

Part Number: AE-SD24012P

10G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- Power over Ethernet(PoE) Magnetics,600mA current capability.
- RoHS compliant.
- Operating temperature range :0°C to +70°C.
- Storage temperature range:-20°C to +125°C.



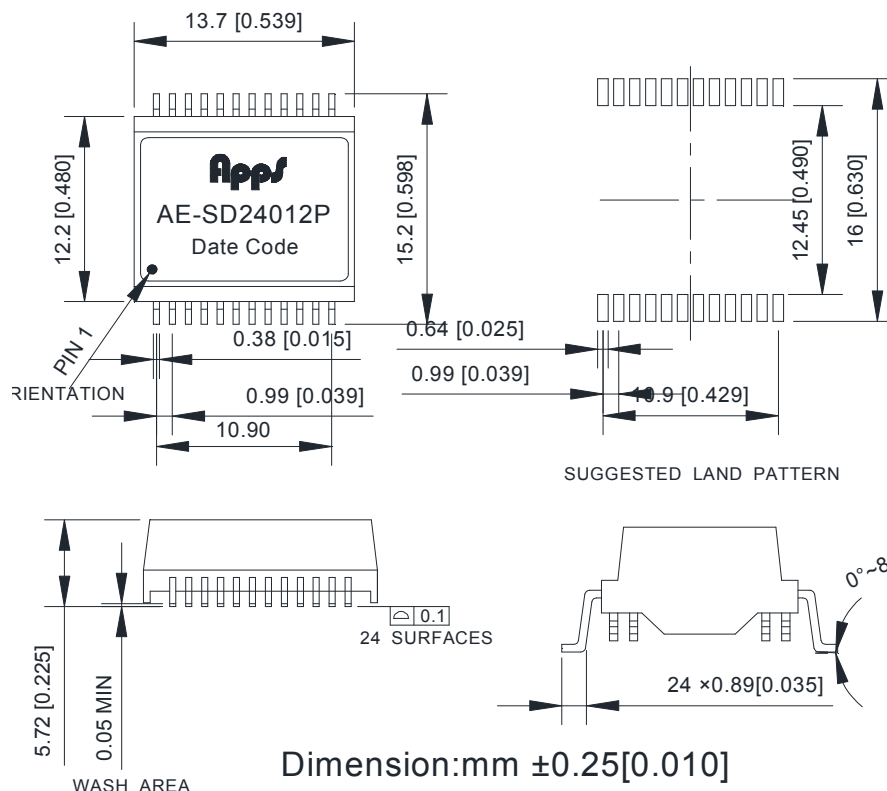
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V with 5.0mA DC	Insertion Loss (dB Max)			DCMR (dB Min)		
			100kHz	1-400MHz	400-500MHz	1-100 MHz	100-250 MHz	250-500MHz
AE-SD24012P	1CT:1CT	100	-3	-1.5	-3	-30	-30	-22

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Part Number	Return Loss (dB Min)		Cross Talk; (dB Min)		CMR(dB Min)			HI-POT (Vrms)
	1~40MHz	40-500MHz	1-100 MHz	100-500 MHz	1-100 MHz	100-300 MHz	300-500MHz	
AE-SD24012P	-18	-17+10*log(f/40)	-40	-30	-35	-30	-25	1500

Mechanicals:



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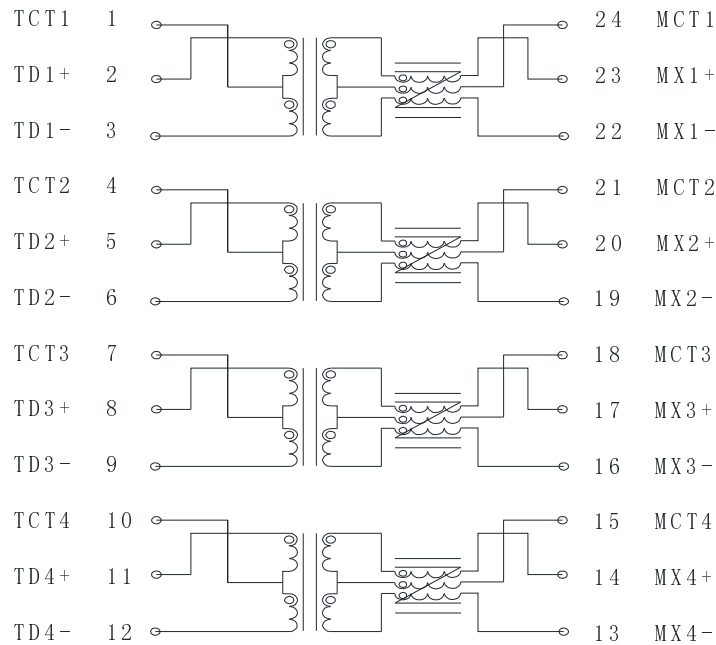
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Schematics:



Package:

