

Part Number: AE-SD24013P

10G BASE SINGLE PORT TRANSFORMER

Page: 1/2

- 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)		DCMR (dB Min)		
			300KHz	1-400MHz	1-100MHz	100-300MHz	300-500MHz
AE-SD24013P	1CT:1CT	120	-3.0	-1.5	-30	-25	-22

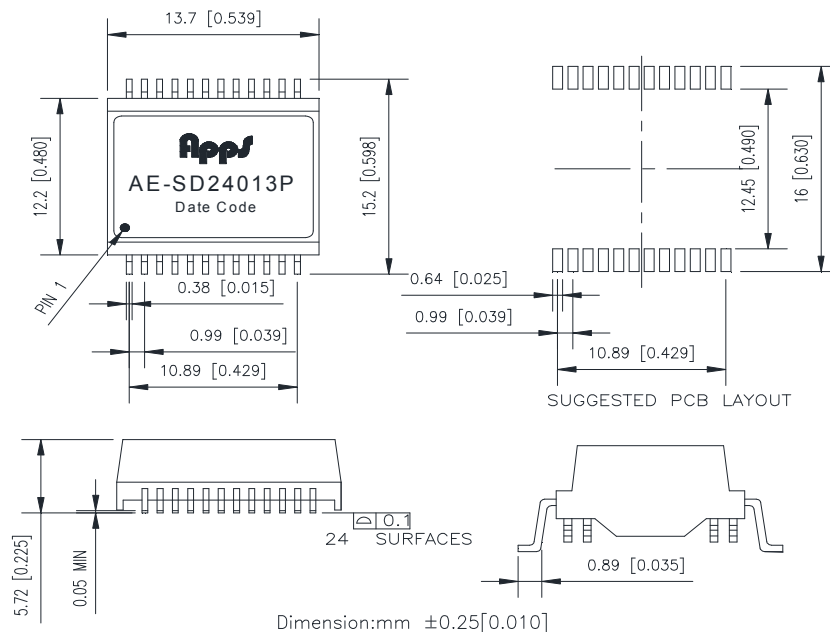
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Part Number	Cross Talk (dB Min)		CMRR (dB Min)			DC CURRENT CARRYING CAPABILITY	HI-POT (Vrms)
	1-100MHz	100-500MHz	1-100MHz	100-300MHz	300-500MHz		
AE-SD24013P	-30	-25	-30	-25	-22	1.2 AMPS	1500

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Part Number	Return Loss (dB Min)SDD11 PHY-SIDE			Return Loss (dB Min)SDD22 LINE-SIDE		
	1MHz	2-100MHz	100-500MH	1-40MHz	40-400MHz	400-500MHz
AE-SD24013P	-20	-18	$-8+16.6*\log(f/400)$	-18	$-18+10*\log(f/40)$	$-8+20*\log(f/400)$

Mechanicals:

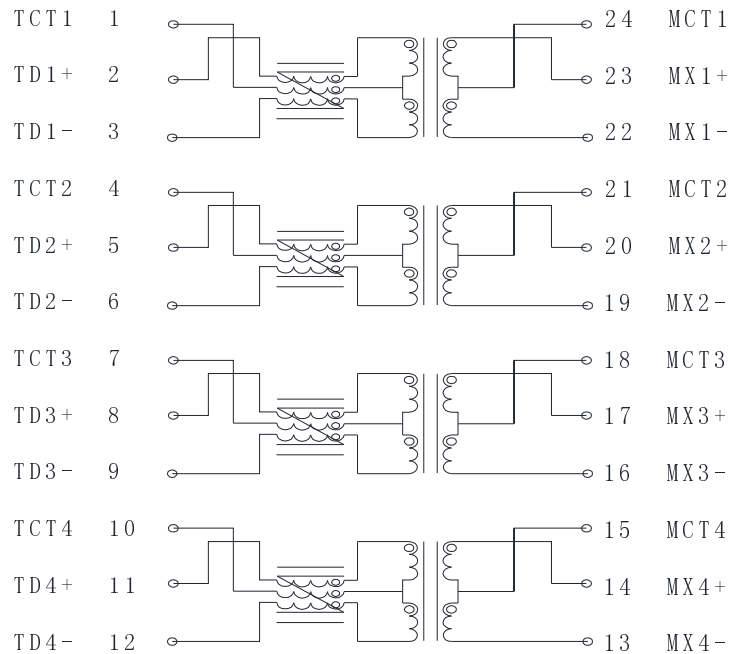


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Page: 2/2

Schematics:



Package:

