

Part Number: AE-SV24101

18G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Power over Ethernet(PoE) Magnetics,30W@57VDC.
- Design for Valens VS3000 series
- Hi-pot Test : 1500Vrms.
- Operating temperature range:0°C to +70°C.
- Storage temperature range:-20°C to +125°C.



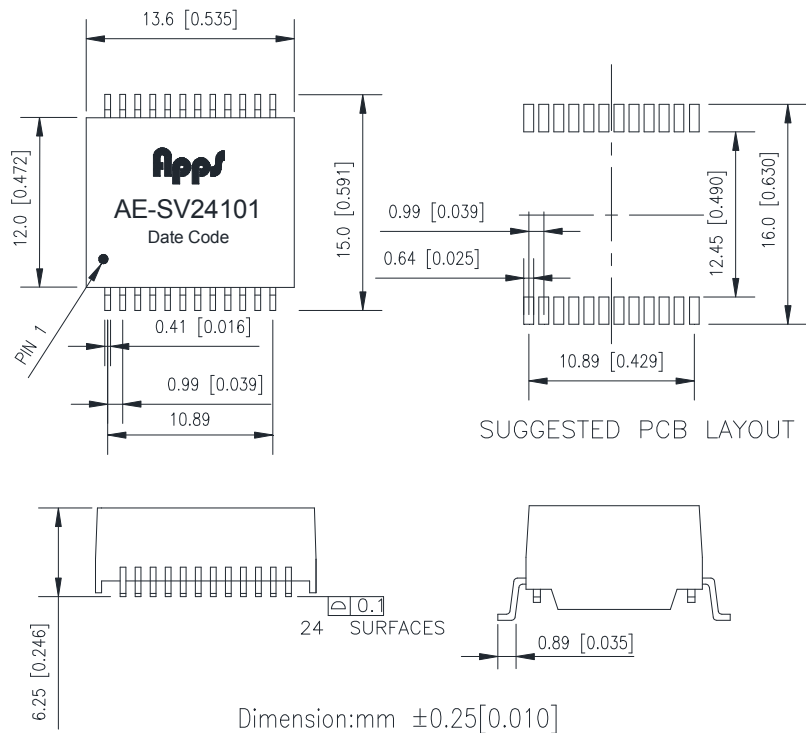
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)			DCMR (dB Min)		
			300 KHz	1-600 MHz	600-800 MHz	1-100 MHz	100-400 MHz	400-800 MHz
AE-SV24101	1CT:1CT	100	-3	-2	-2.2	-30	-20	-15

Continue

Part Number	Return Loss (dB Min)			Cross Talk (dB Min)			CMRR (dB Min)		
	1-40 MHz	40-600 MHz	600-800 MHz	1-100 MHz	100-400 MHz	400-800 MHz	1-100 MHz	100-400 MHz	400-800 MHz
AE-SV24101	-18	-18+7.6*log(f/40)	-9+20*log(f/600)	-40	-25	-18	-30	-20	-15

Mechanicals:

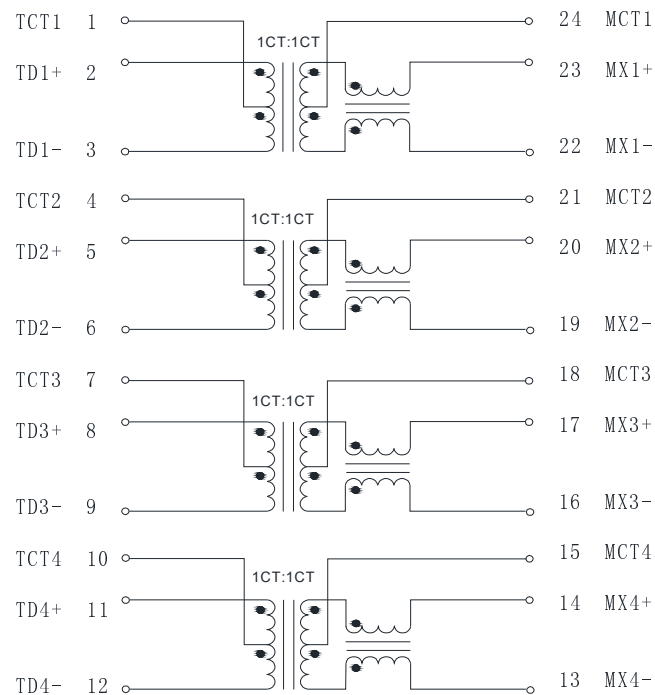


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Schematics:



Package:

