

Part Number: AE-SB12001P

10/100 BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3at standard.
- RoHS compliant.
- Power over Ethernet (PoE) Magnetics, 720mA current capability.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -20°C to +125°C.

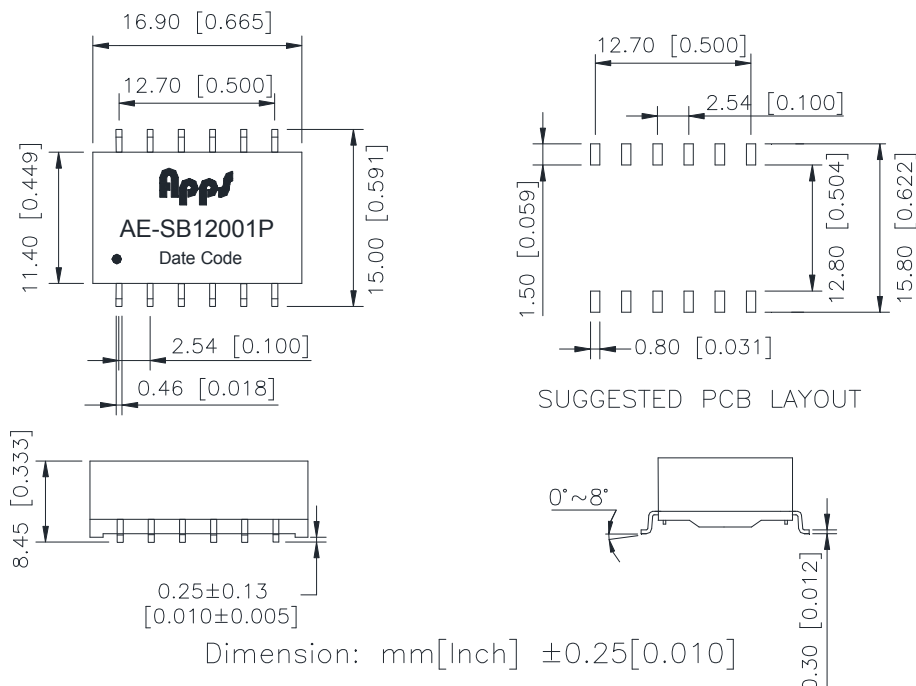
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V with 24.0mA DC	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		1-100MHz	
AE-SB12001P	1CT:1CT	1CT:1CT	350	-1.0	1500

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Part Number	Return Loss (dB Min)				Cross Talk (dB Min)	DCMR (dB Min)
	1-30MHz	40MHz	50MHz	60-80MHz	1-100MHz	1-100MHz
AE-SB12001P	-18	-14.4	-13.1	-10	-35	-33

Mechanicals:

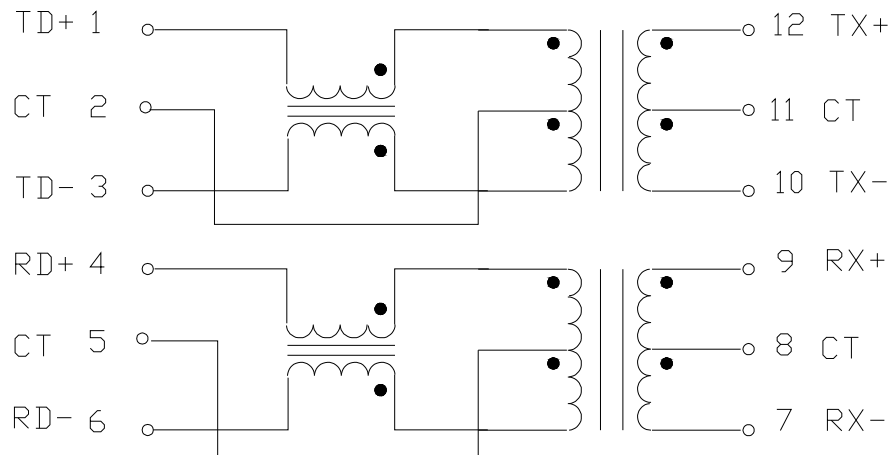


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Schematics:



Package:

