

Part Number: AE-SE30001PH

2.5G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Operating temperature range :-40°C to +85°C.
- Storage temperature range:-40°C to +125°C.

Electrical Specifications @ 25°C

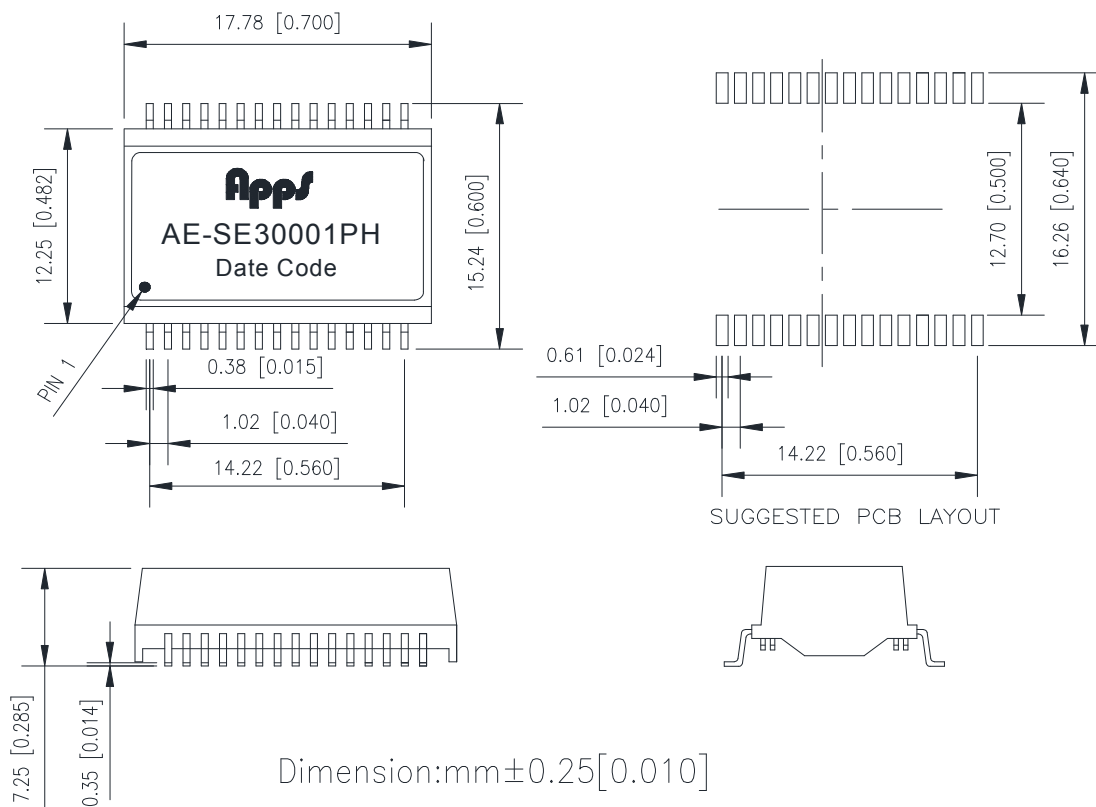
Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V,0~70°C		Insertion Loss (dB Max)				CMRR (dB Min)	
		0mA DC Bias	11mA DC Bias	0.1MHz	1-100MHz	100-125MHz	125-250MHz	0.1-100 MHz	100-250MHz
AE-SE30001PH	1CT:1CT	180	120	-1.2	-0.2-0.002*f ^{1.3}	-1.5	-2.5	-30	-25

Continue

Part Number	Return Loss (dB Min)			Cross Talk; (dB Min)			HI-POT (VDC)	DC Current Carrying Capability-All PINS
	0.1-40MHz	40-100MHz	100-125MHz	1MHz	10-100MHz	100-125MHz		
AE-SE30001PH	-16	-10+20*log ₁₀ (f/80)	-6	-50	-52+22*log ₁₀ (f/10)	-25	2250	750mA Max @70°C

Note:f is frequency in MHz.

Mechanicals:



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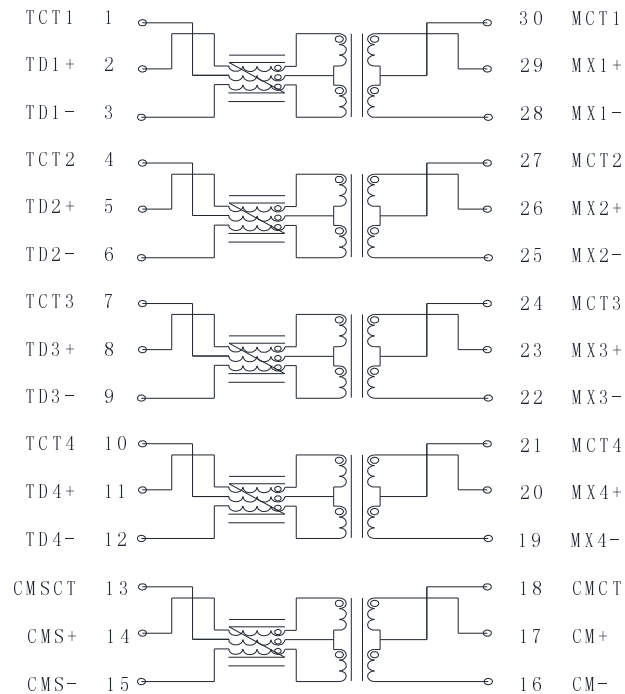
Http: www.appselectronics.com E-mail: sales@appselectronics.com

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Schematics:



Package:

