

Part Number: AE-S16016H

SMD 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.

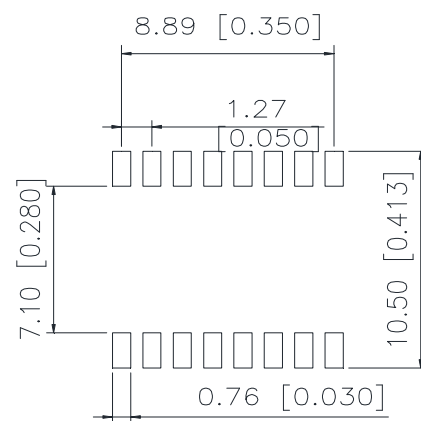
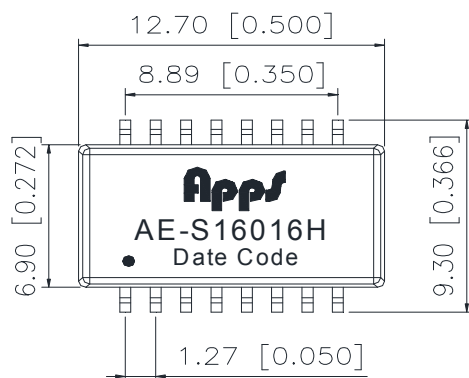
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)		OCL(μH Min) @100KHz/0.1V With DC 8.0mA	Insertion Loss (dB Max) 0.5-100MHz	HI-POT (Vrms)
	1-3:16-14	6-8:11-9			
AE-S16016H	1CT:1CT	1CT:1CT	350	-1.1	1500

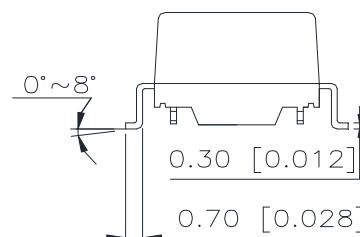
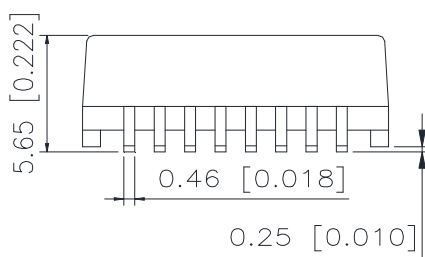
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Part Number	Return Loss (dB Min)				DCMR (dB Min)	Cross Talk (dB Min)
	1-30MHz	30-45MHz	45-60MHz	60-80MHz		
AE-S16016H	-18	-16	-14.0	-12.0	-30	-35

Mechanicals:



SUGGESTED PCB LAYOUT



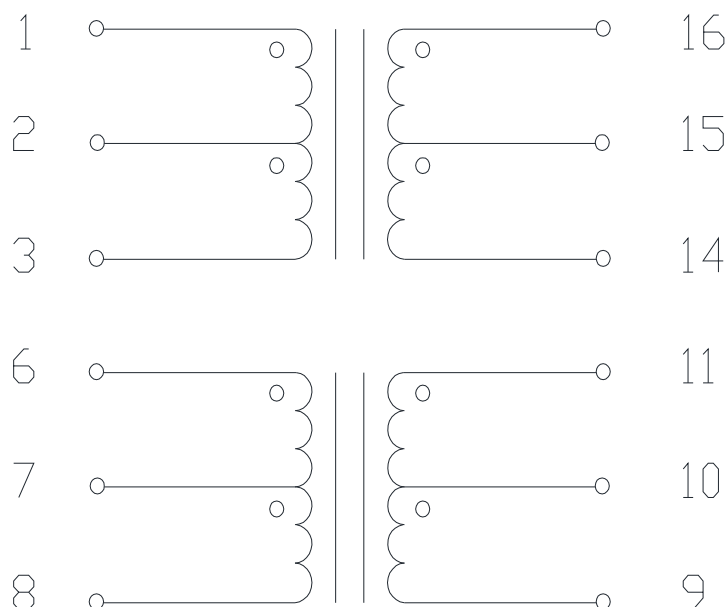
Dimension: mm[Inch]±0.25[0.010]

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Schematics:



Package:

