

Part Number: AE-SC24452H

10/100/1000 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.

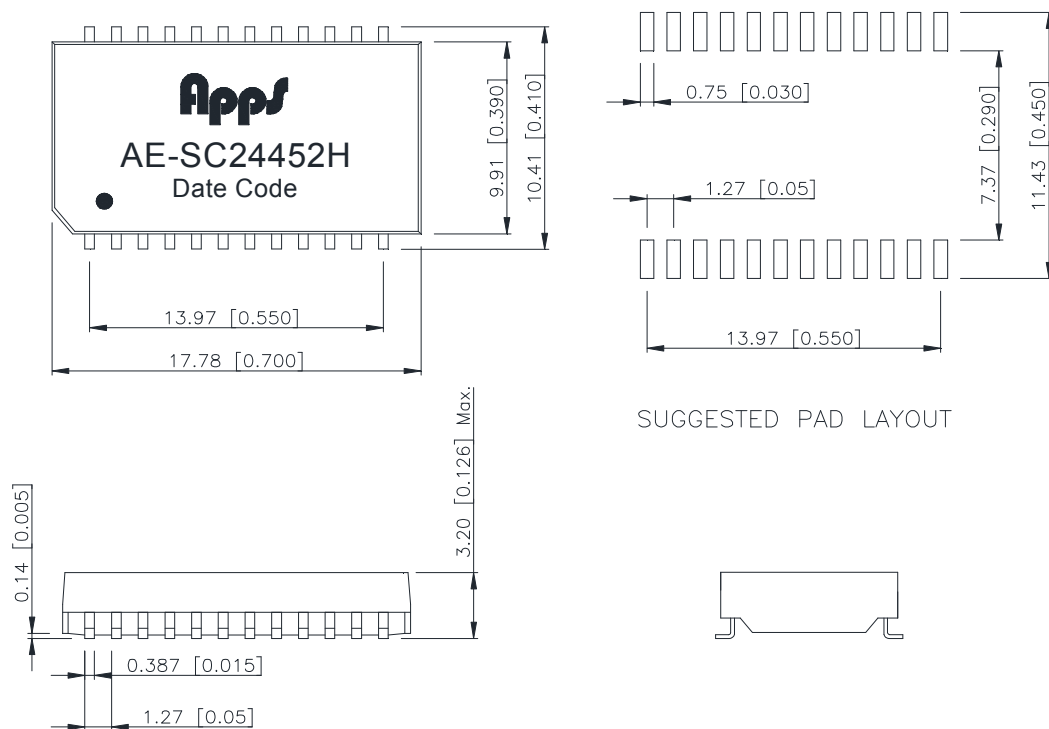
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V With 8.0mA DC		Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX			1-100MHz	
AE-SC24452H	1CT:1CT	1CT:1CT	350	300(-40°C~+85°C)	-1.0	1500

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Part Number	Return Loss (dB Min)		Cross Talk (dB Min)		CMRR (dB Min)	
	1-40MHz	40-100MHz	1MHz	10-100MHz	2MHz	30-200MHz
AE-SC24452H	-18	-10+20*lg(f/80)	-50	-55+22*lg(f/80)	-42	-15+20*lg(f/200)

Mechanicals:



Dimension: mm[Inch] xx.xx±0.25[0.01]

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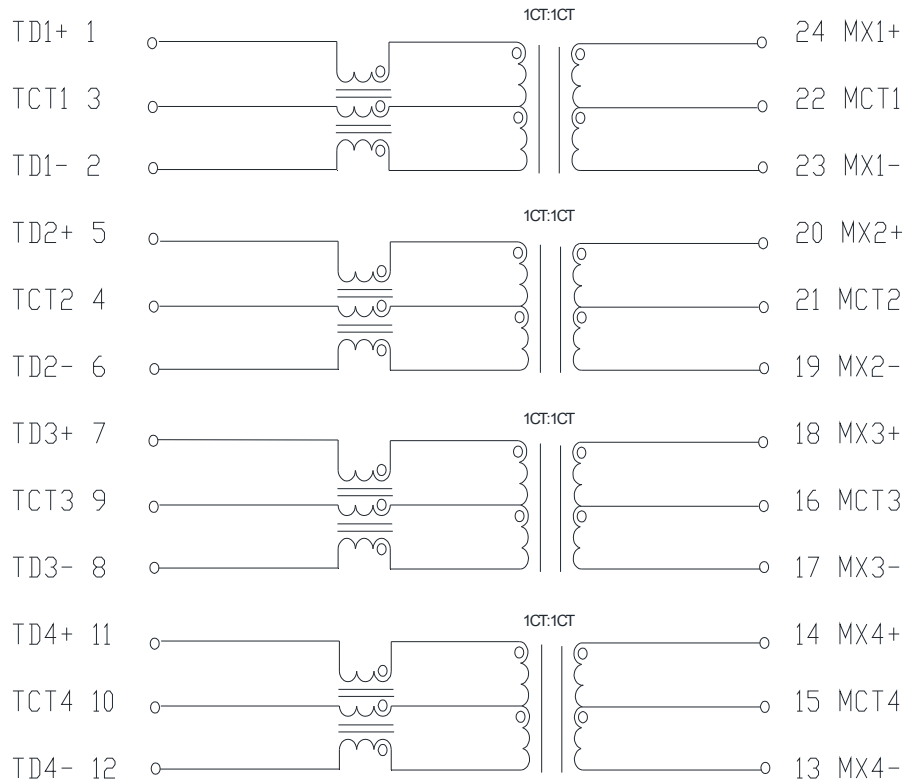
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Schematics:



Package:

