

Part Number: AE-SC24552

10/100/1000 BASE LAN TRANSFORMER

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- Compliant with IEEE802.3 requirement.
- RoHS compliant.
- Operating temperature range:0°C to +70°C.
- Storage temperature range:-20°C to +125°C.

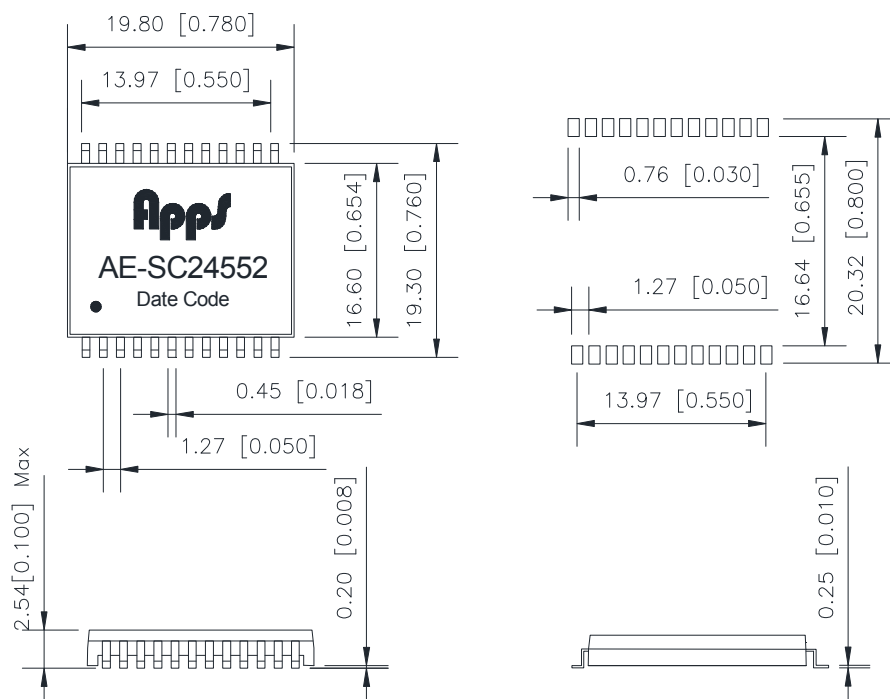
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)	OCL(μH Min) @100KHz/0.1V With 8.0mA DC	Insertion Loss (dB Max)			HI-POT (Vrms)
	TX:RX		100KHz	1-100MHz	125MHz	
AE-SC24552	1CT:1CT	350	-1.2	-1.0	-3.0	1500

Continue

Part Number	Return Loss (dB Min)		Cross Talk (dB Min)		DCMR (dB Min)	
	1-40MHz	40-100MHz	1MHz	30-100MHz	2MHz	30-100MHz
AE-SC24552	-16	-10+20* Log ₁₀ (f/80)	-50	-55+24* Log ₁₀ (f/10)	-50	-43+22*Log ₁₀ (f/30)

Mechanicals:

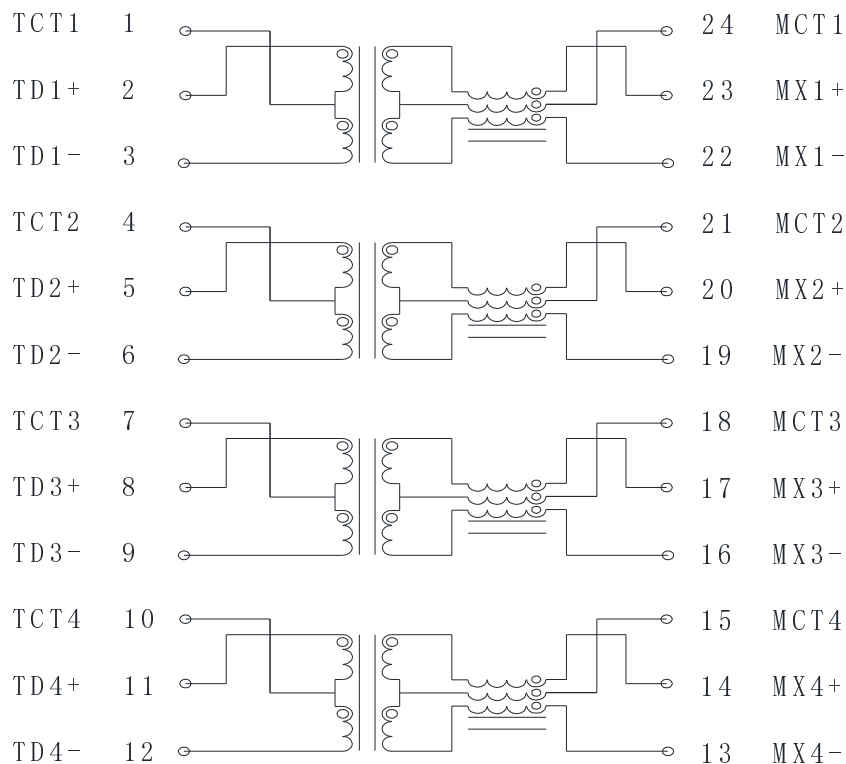
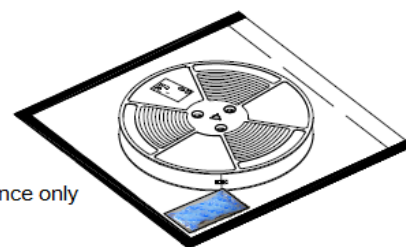
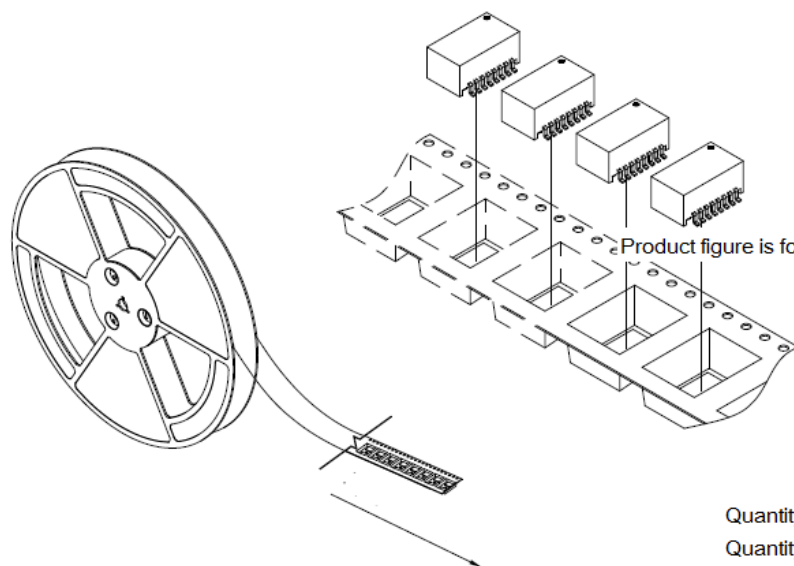


Dimension:mm[Inch]±0.25[0.010]

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Schematics:

Package:


Desiccant and reel into the vacuum bag

Quantity per reel: 900 pcs
Quantity per carton: 1800 pcs
Quantity per big carton: 3600 pcs