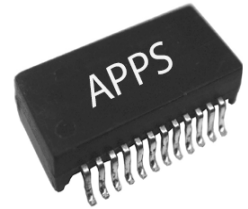


# Part Number: AE-SC24010H

## 10/100/1000 BASE SINGLE PORT TRANSFORMER

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



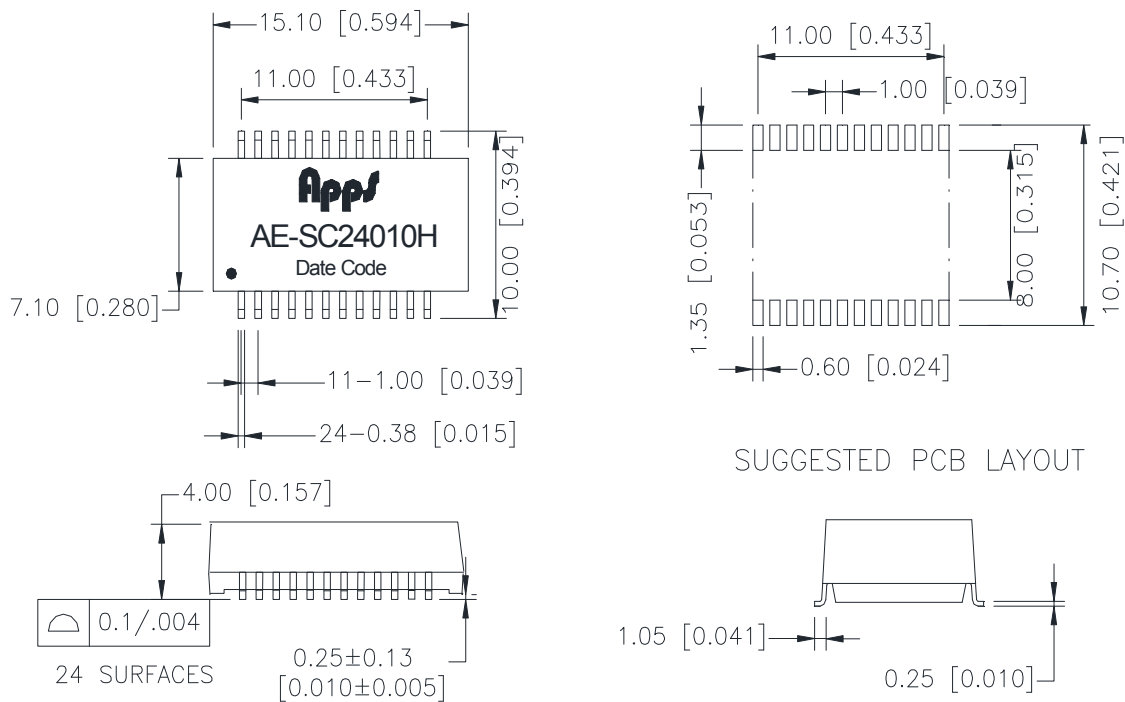
### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)		OCL(μH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max)	DCMR (dB Min)			HI-POT (Vrms)
	TX	RX			30MHz	60MHz	100MHz	
AE-SC24010H	1CT:1CT	1CT:1CT	350	-1.0	-40	-35	-30	1500

### Continue

Part Number	Return Loss (dB Min)					Cross Talk (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
AE-SC24010H	-18	-14.4	-13.1	-12	-10	-40	-35	-30

### Mechanicals:

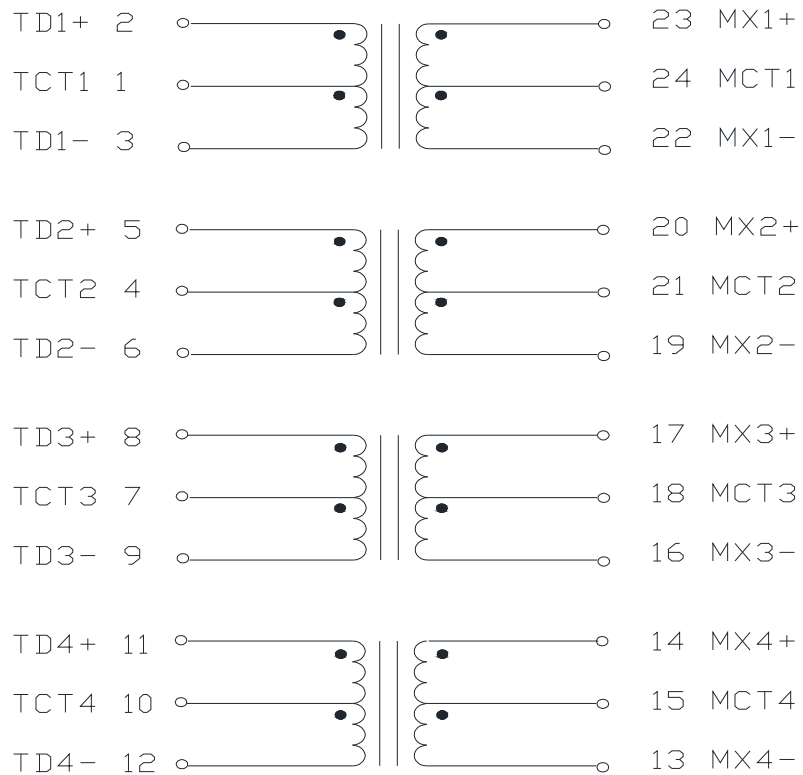


Dimension: mm[Inch] ±0.25[0.010]

# AE-SC24010H

## 10/100/1000 BASE SINGLE PORT TRANSFORMER

**Schematics:**



**Package:**

