



**P/N: TS6121AM DATA SHEET**

**Feature**



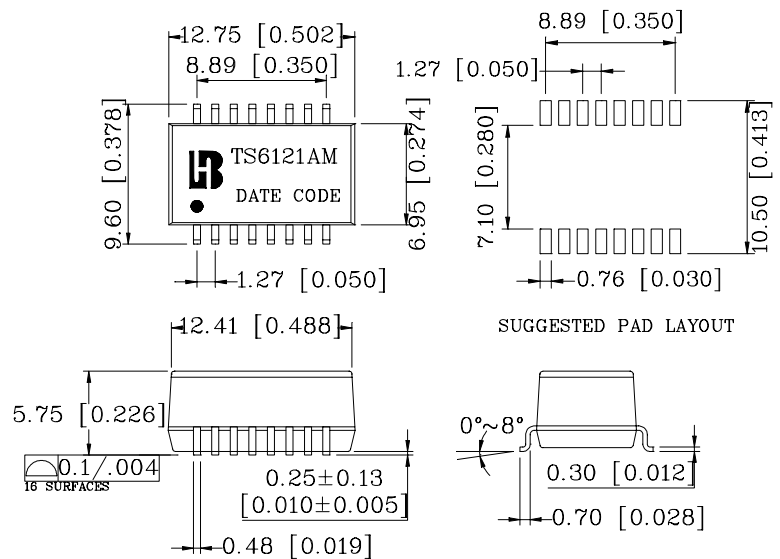
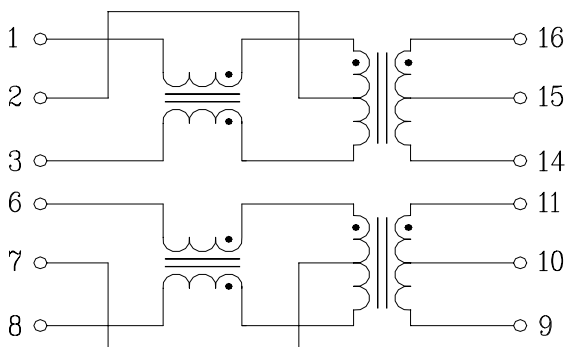
- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Operating temperature range:-40°C to +85°C .
- Storage temperature range:-40°C to +125°C .

Electrical Specifications @ 25°C								
Part Number	Turns Ratio		OCL (uH Min) @ 100KHz/0.1V with 8mA Bias Pins(1-3 / 6-8)	Cw/w (pF Max)	L.L (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:16-14	6-8:11-9				1-3/6-8	16-14/11-9	
TS6121AM	1CT:1CT	1CT:1CT	350	28	0.5	1.1	0.9	1500

Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)		
	0.3-100 MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
TS6121AM	-1.1	-18	-15.5	-13	-12	-45	-35	-40	-35	-30

**Schematic**

**Mechanical**



Units: mm[Inches] Tolerance: xx.x0±0.25[0.010]  
0.xx±0.05[0.002]