

**P/N: TS6121VX DATA SHEET****Feature**

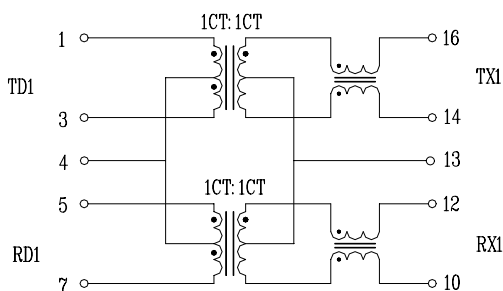
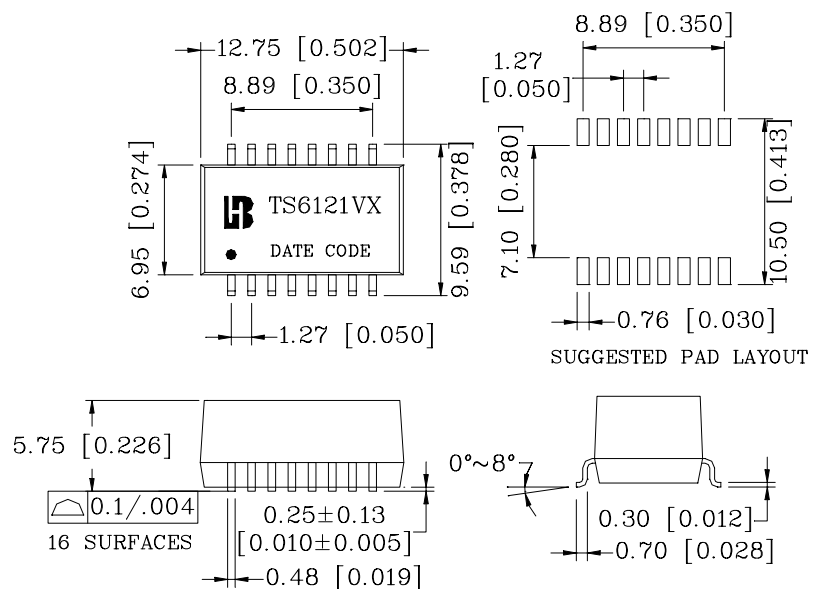
- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.2V with 8mA Bias	C _{ww} (pF Typ)	L.L (uH Max)	DCR (Ω Max)	HI-POT (Vrms)
	TX	RX					
TS6121VX	1CT: 1CT	1CT: 1CT	350	50	0.5	0.9	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)			CMR (dB Min)		
	1-100 MHz	1-30MHz	60MHz	80MHz	1-30MHz	60MHz	80-100MHz	1-30MHz	60MHz	80-100MHz
TS6121VX	-1.0	-18	-12	-10	-42	-40	-38	-45	-40	-35

Schematic**Mechanical**

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