P/N: TS6121A LF DATA SHEET

Feature

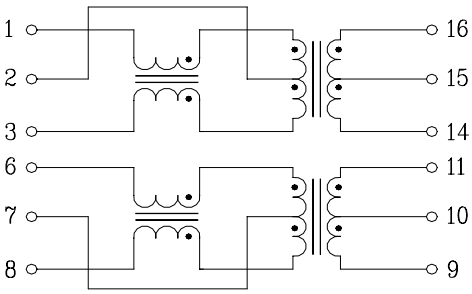


- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Comply with RoHS requirements-whole part No Cd, No Hg, No $Cr6^{+}$, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020-C.
- Operating temperature range:0℃ to +70℃.
- Storage temperature range:-25℃ to +125℃.

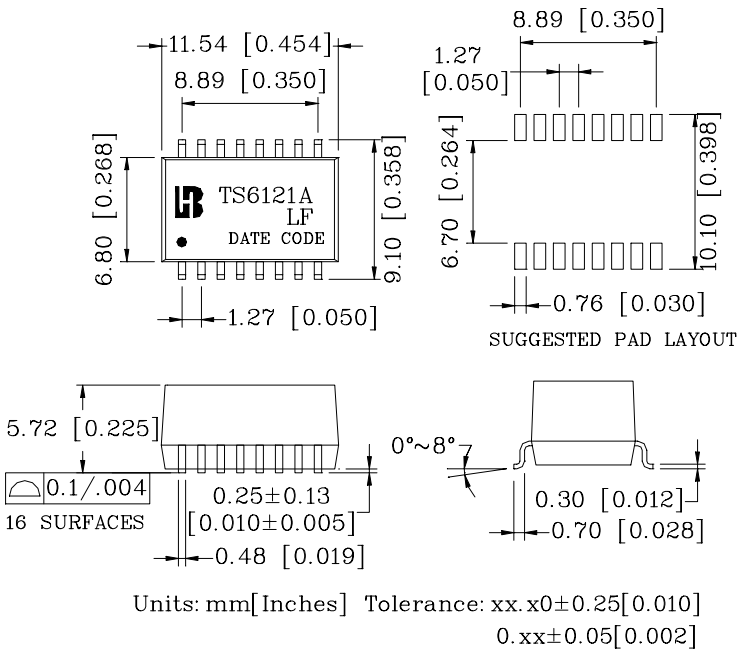
Electrical Specifications @ 25°C								
Part Number	Turns Ratio		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	$C_{W/W}$ (pF Max)	L.L (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:16-14	6-8:11-9				1-3/6-8	16-14/11-9	
TS6121A LF	1CT:1CT	1CT:1CT	350	28	0.5	1.1	0.9	1500

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
TS6121A LF	-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]