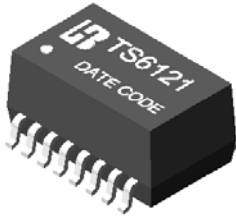


10/100 BASE-T ISOLATION TRANSFORMER

P/N:TS6121 DATA SHEET

Feature

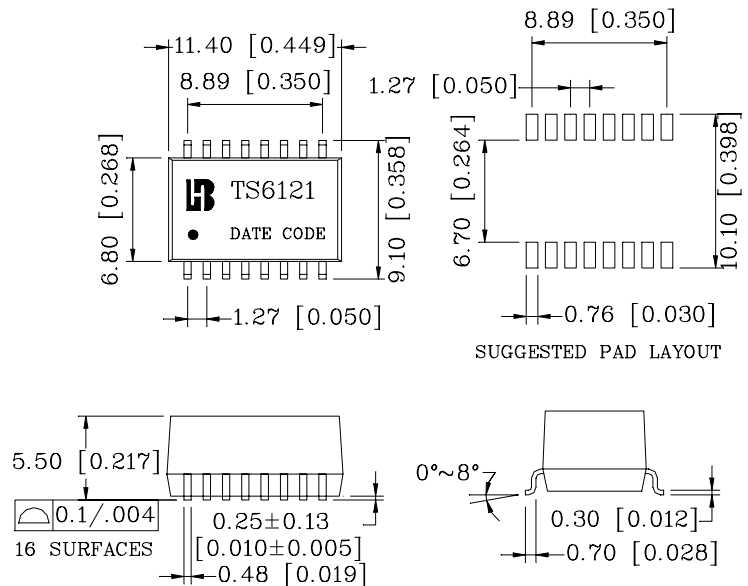
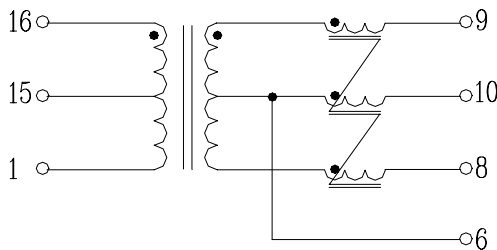


- Half port and single port designs for maximum layout flexibility
- Low profile packages Cardbus Applications
- Compatible with INTEL, TDK, QSI, and ICS transceivers
- Operating temperature range: 0°C to +70°C
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±3%)	OCL (uH Min) @ 100KHz/0.1V with 8mA Bias	Cw/w (pF Max)	L.L (uH Max)	DCR (Ω Max)	HI-POT (Vrms)	
TS6121	1CT:1CT	350	28	0.4	0.9	1500	
Continue							
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Differential to Common Mode Rejection (dB Min)		
	0.3-100 MHz	0.3-30MHz	60MHz	60-80 MHz	30MHz	60MHz	100MHz
TS6121	-1.1	-17	-12	-10	-42	-37	-33

Schematic

Mechanical



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