



### P/N: TS6122 DATA SHEET

#### Feature



- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Designed for reflow soldering at temperature up to 235°C.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

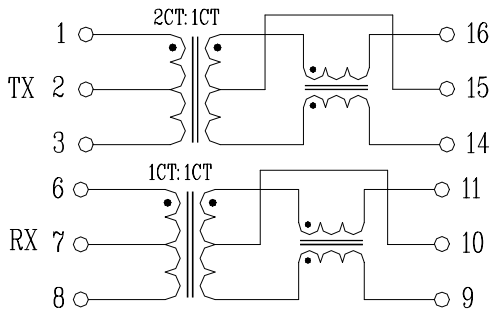
#### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1V with 8mA Bias Pin(1-3 / 6-8)	L.L (uH Max) TX/RX	Cw/w (pF Max) @(1-3 / 6-8)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:16-14	6-8:11-9				1-3	6-8	
TS6122	2CT:1CT	1CT:1CT	350	0.6/0.4	28	1.1	0.7	1500

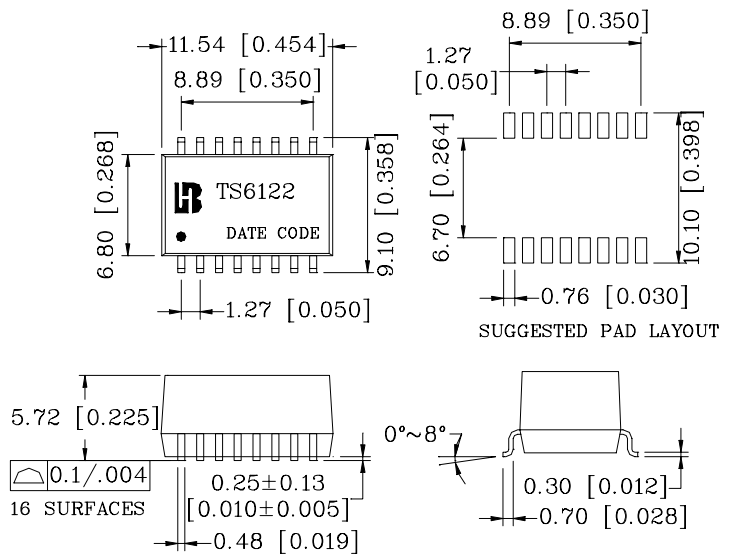
#### Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)		
	0.3-100 MHz	30MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
TS6122	-1.1	-20	-14	-11.5	-45	-35	-40	-35	-30

#### Schematic



#### Mechanical



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