



P/N: TS6114A DATA SHEET

Feature



- 10/100 BASE-TX Isolation module for Auto-MDI/MDIX Applications.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

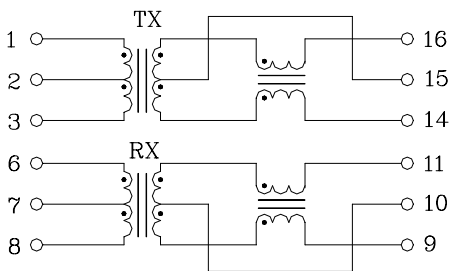
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±3%)		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	C _{www} (pF Max)	L.L (uH Max)	DCR (Max)	HI-POT (Vrms)
	1-3:16-14	6-8:11-9				1-3/6-8	
TS6114A	1.41CT:1CT	1.41CT:1CT	350	30	0.6	1.2	1500

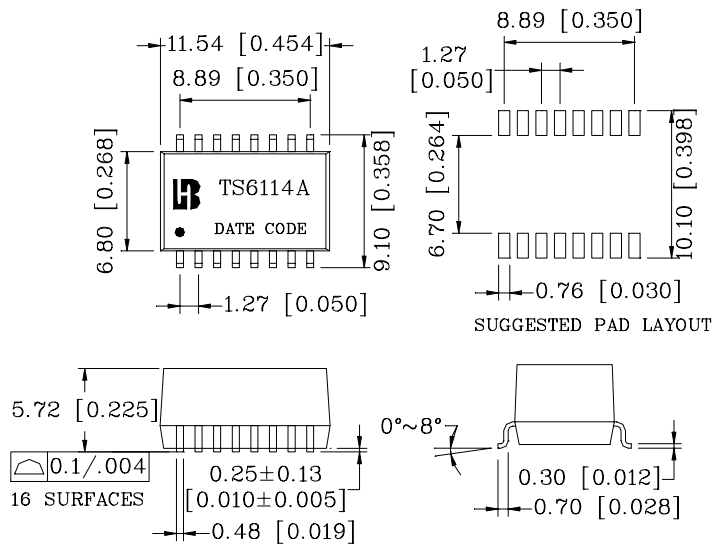
Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)	DCMR (dB Min)
	0.3-100 MHz	0.5-30MHz	40 MHz	60MHz	80MHz	0.1-100MHz	0.1-100MHz
TS6114A	-1.15	-18	-15	-13	-10	-40	-40

Schematic



Mechanical



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