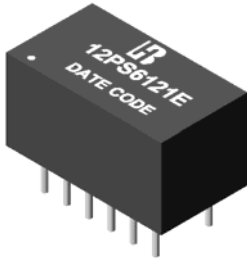


**Feature**



- 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/0.1V with 8mA DC Bias	C <sub>www</sub> (pF Max)	L.L (uH Max)	DCR (Ω Max)	Polarity	HI-POT (Vrms)
12PS6121E	1CT:1CT	350	28	0.5	0.9	1-6&7-12	1500

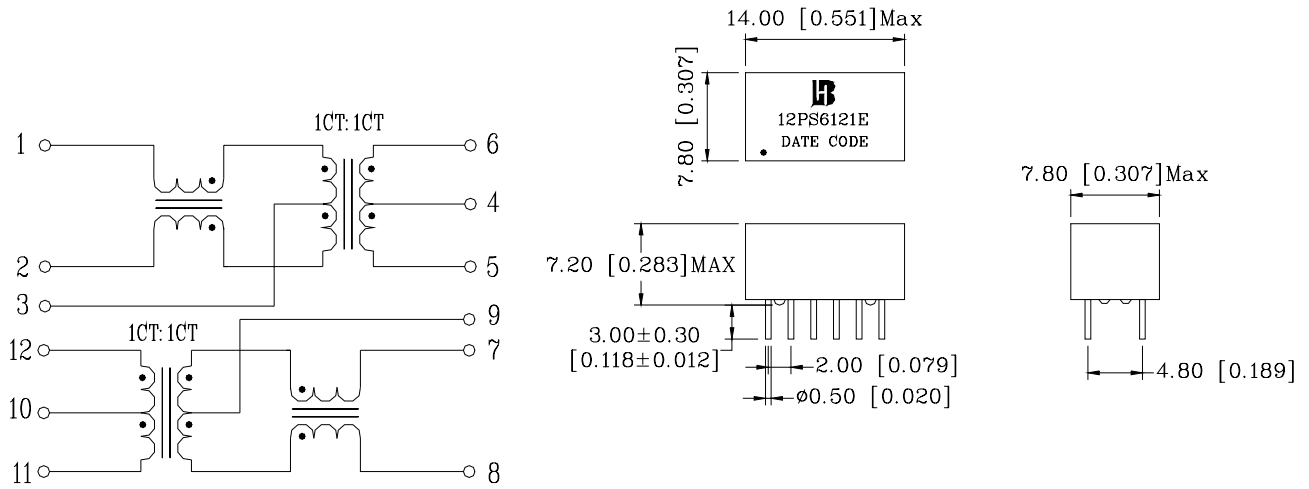
Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)		
	0.3-100MHz	0.5-30MHz	40MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
12PS6121E	-1.1	-18	-15	-13	-11	-45	-35	-40	-35	-30

**Schematic**

**Mechanical**

SINGLE 10/100 BASE-TX LAN MAGNETIC

P/N: 12PS6121E DATA SHEET



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