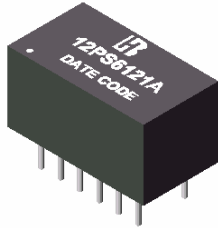


SINGLE 10/100 BASE-TX LAN MAGNETIC

P/N: 12PS6121A DATA SHEET

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.

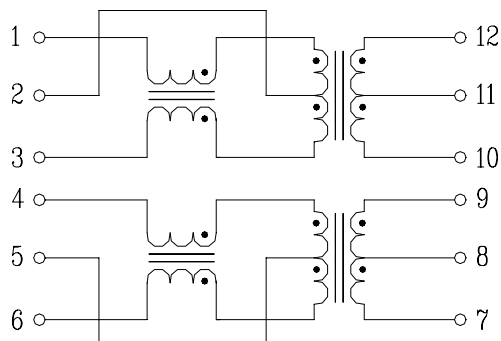
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±3%)		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	C _{WW} (pF Max)	L.L. (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:12-10	4-6:9-7				1-3/4-6	12-10/9-7	
12PS6121A	1CT:1CT	1CT:1CT	350	28	0.5	1.1	0.9	1500

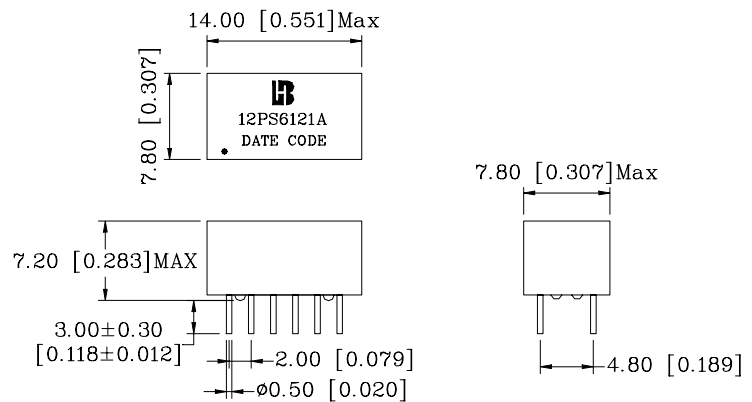
Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)		
		0.3-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz
12PS6121A	-1.1	-18	-15.5	-13	-12	-45	-35	-40	-35	-30

Schematic



Mechanical



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

