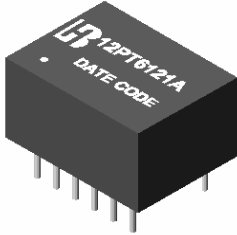


Bothhand USA email:sales@bothhandusa.com http://www.bothhandusa.com
SINGLE 10/100 BASE-TX LAN MAGNETIC
P/N: 12PT6121A DATA SHEET

Feature

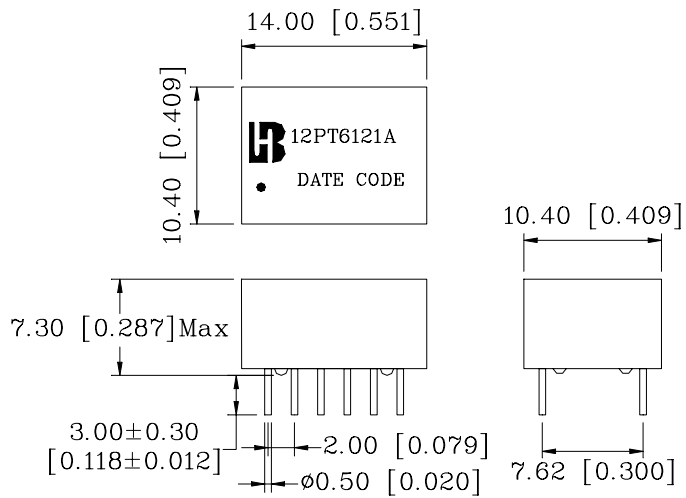
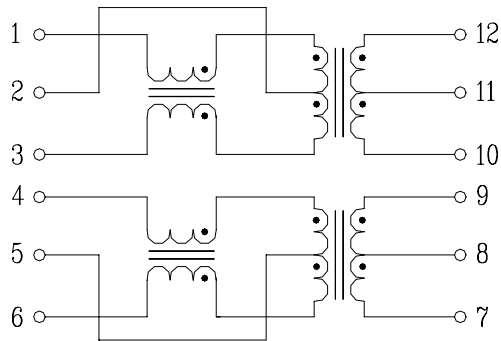


- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +105°C.

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			
12PT6121A	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	100MHz
12PT6121A	-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]