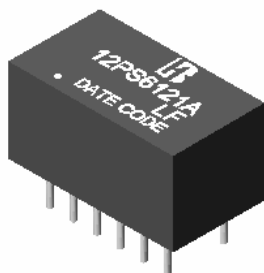


SINGLE 10/100 BASE-TX LAN MAGNETIC

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Feature



- Designed to meet IEEE 802.3u requirement, including 350uH OCL with 8mA bias.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Operating temperature range:0 to +70 .
- Storage temperature range:-25 to +125 .

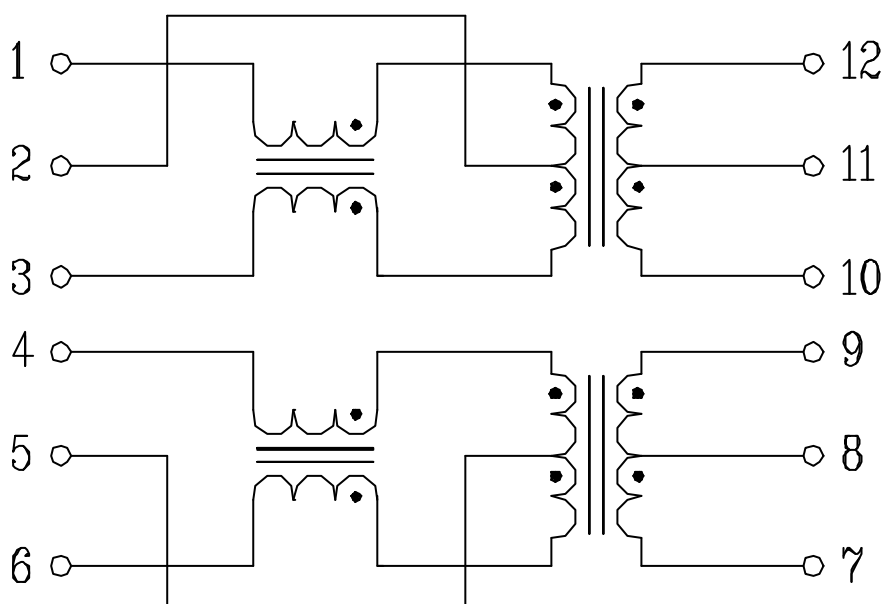
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±3%)		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	C _{www} (pF Max)	L.L (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:12-10	4-6:9-7				1-3/4-6	12-10/9-7	
12PS6121A LF	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
12PS6121A LF	-1.1	-18	-15.5	-13	-12	-45	-35	-40	-35	-30

Schematic



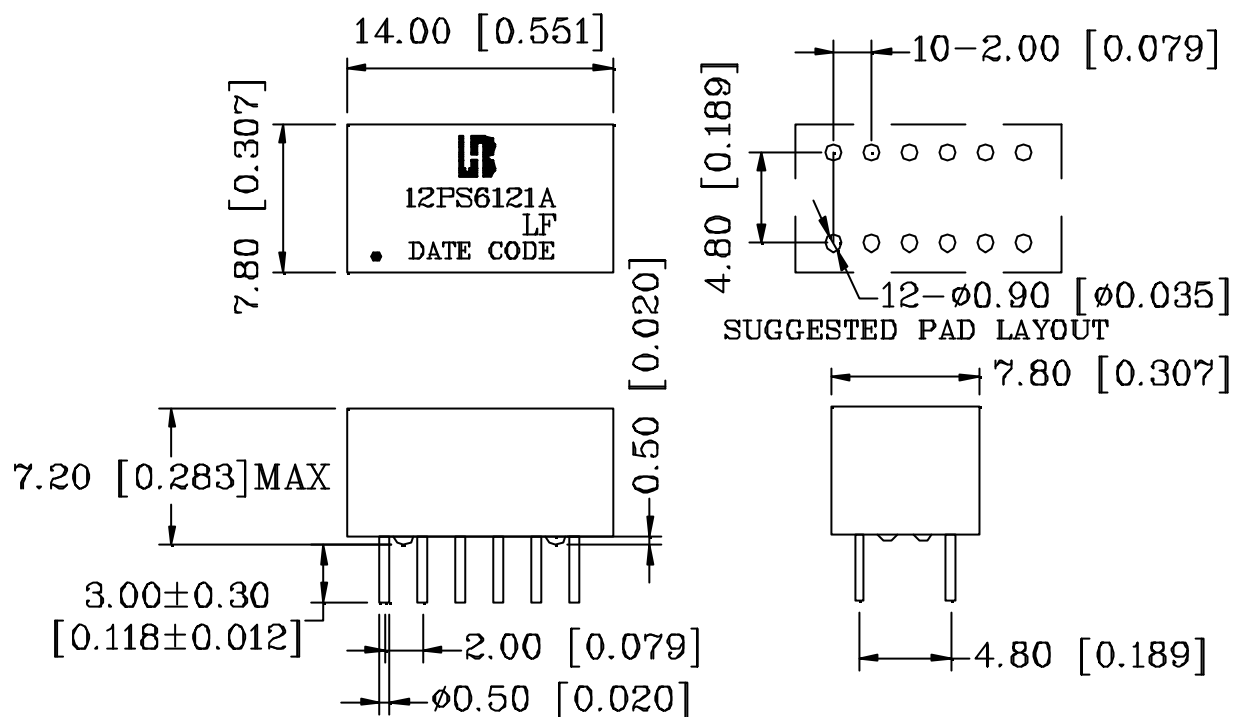
A2(07/09)

SINGLE 10/100 BASE-TX LAN MAGNETIC

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Mechanical



Units: mm[Inches] Tolerances : xx.x0 $\pm$ 0.25[0.010]
0.xx $\pm$ 0.05[0.002]