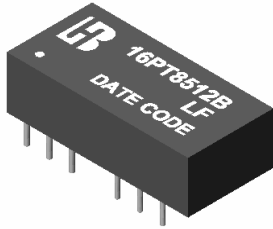


10/100 BASE-T TRANSFORMER

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Feature



- Compliant with IEEE802.3u and ANSI X3.263 standards 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 +105 .

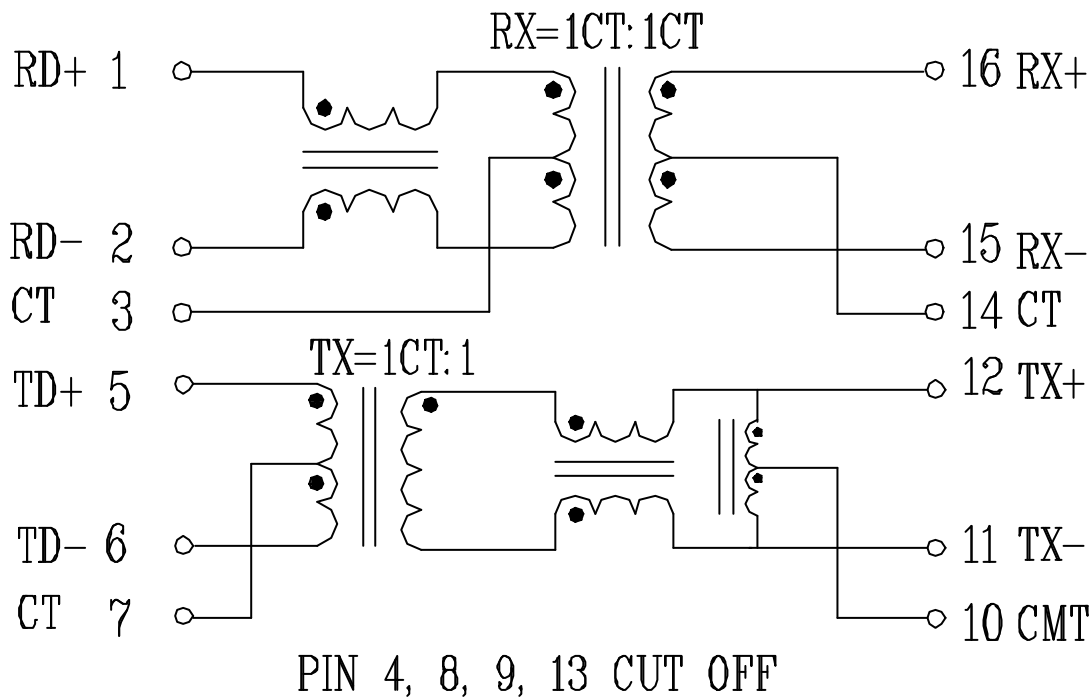
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	CMR (dB Min) 0.3-100MHz	HI-POT (Vrms) 1500
	TX	RX			
16PT8512B LF	1CT:1	1CT:1CT	350	-35	1500

Continue

Part Number	Insertion Loss (dB Max) 0.3-100MHz	Return Loss (dB Min)					Cross talk (dB Min) 0.3-100MHz	DCMR (dB Min) 0.3-100MHz
		30MHz	40MHz	50MHz	60MHz	80MHz		
16PT8512B LF	-1.15	-16	-14	-13.5	-13	-12	-35	-30

Schematic

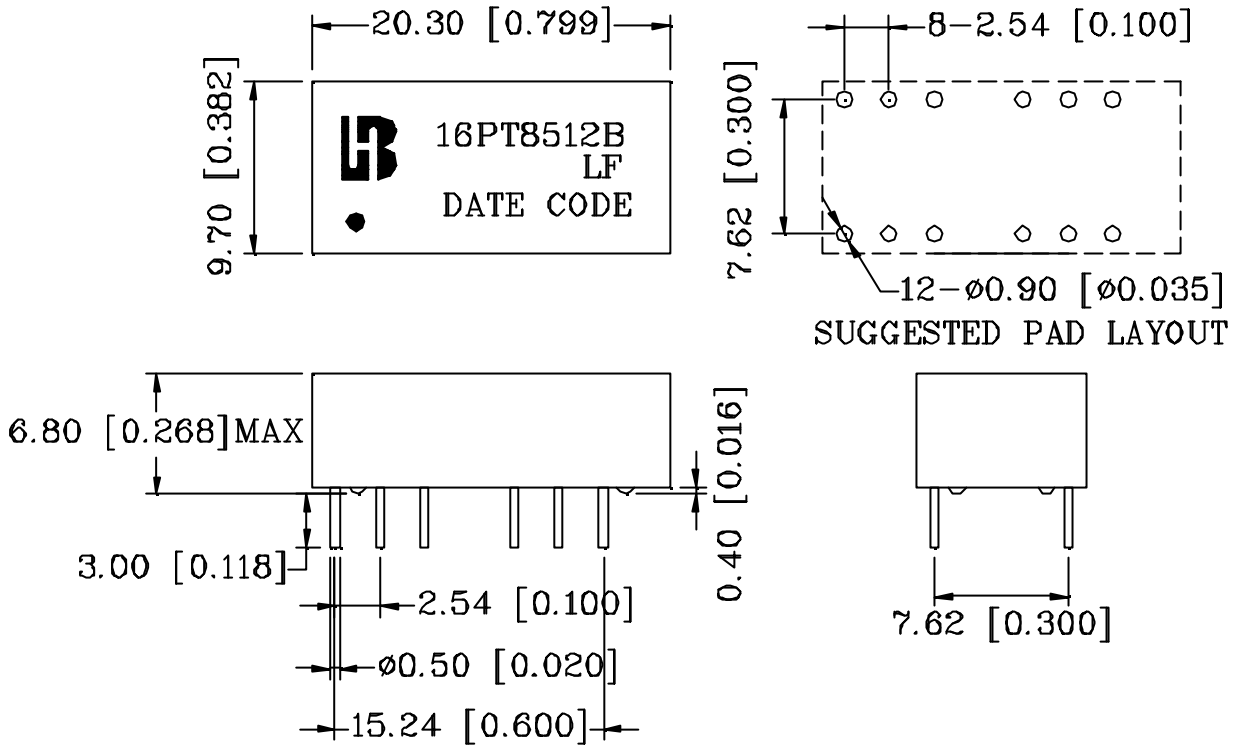


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Mechanical



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