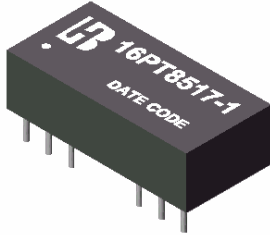


HIGH SPEED LAN MAGNETICS

P/N: 16PT8517-1 DATA SHEET

Feature



- Designed for 100MB/s AND 155 MB/s transmission over UTP-5 and STP cable.
- 155 ATM, 100 Base-TX and TP-FDDI applications.
- Cable interface for isolation and low common mode emissions.
- Fully integrated modules for multiport concentrators and adapter card applications.
- 16-PIN DIP package, PICK and place compatible.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

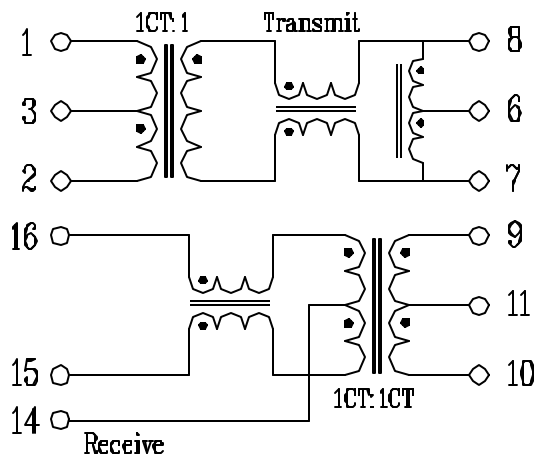
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1Vrms with 8mA/DC Bias	C _{ww} (pF Max)	L.L (uH Max)	DCR (Ω Max)	HI-POT (Vrms)
	RX	TX					
16PT8517-1	1CT:1CT	1CT:1	350	28	0.6	0.9	1500

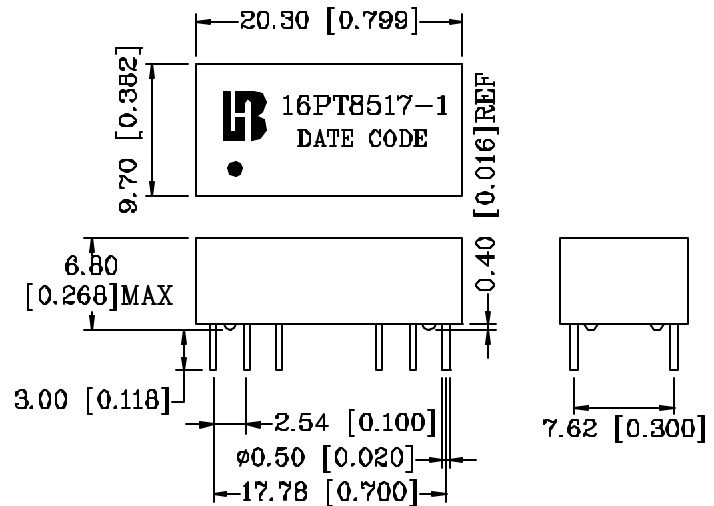
Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)					Cross talk (dB Min)	
		0.3-100 MHz	0.3-30MHz	40MHz	50MHz	60MHz	60-80MHz	0.3-60MHz
16PT8517-1	-1.15	-16	-14	-13.5	-13	-12	-45	-35

Schematic



Mechanical



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