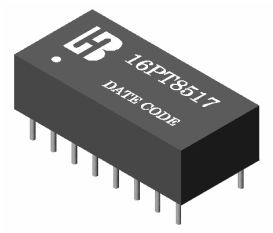
Bothhand USA. **e-mail: sales@bothhandusa.com http://www.bothhandusa.com**

100 BASE-TX TRANSFORMER

P/N:16PT8517 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.
- Storage temperature range: -25°Cto +125°C.
- Operating Temperature range: 0°C to +70°C.

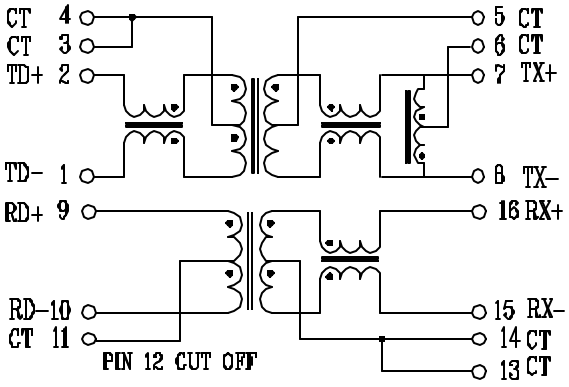
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1Vrms	CW/W (pF Max)	L.L (uH Max)	Rise Time (10-90%) nS TYP	DCR (Ù Max)	Voltage Isolation (Vrms)
	TX	RX	with 8mA/DC Bias					
16PT8517	1CT:1CT	1CT:1CT	350	28	0.6	2.5	0.9	1500

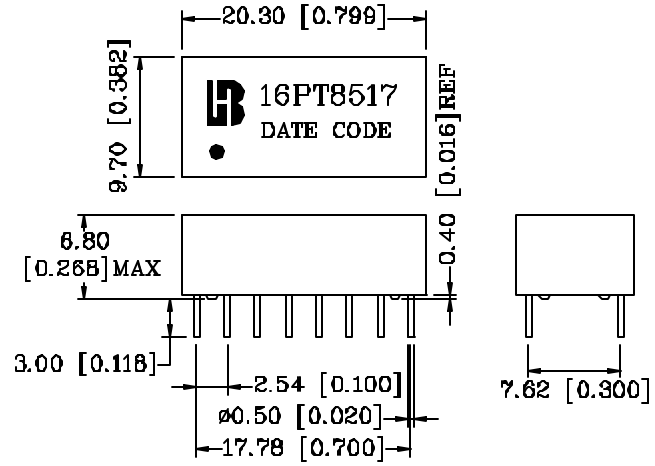
Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)					Cross talk (dB Min)		Differential to Common Mode Rejection TX/RX(dB Min)		
	0.3-100 MHz	30MHz	40MHz	50MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	30MHz	60 MHz	100MHz
16PT8517	-1.15	-16	-14	-13.5	-13	-12	-40	-38	-42/-42	-38/-36	-35/-32

Schematic



Mechanical



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

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