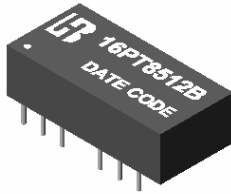


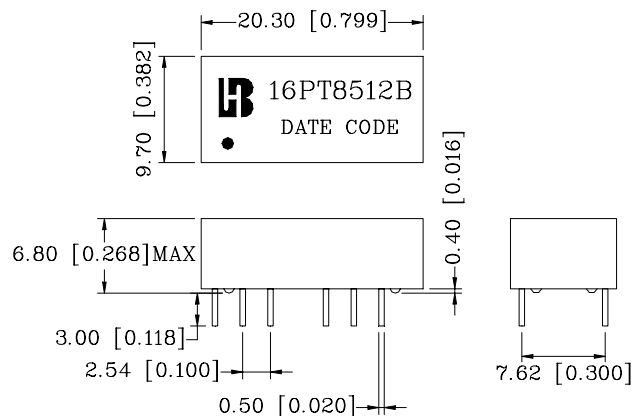
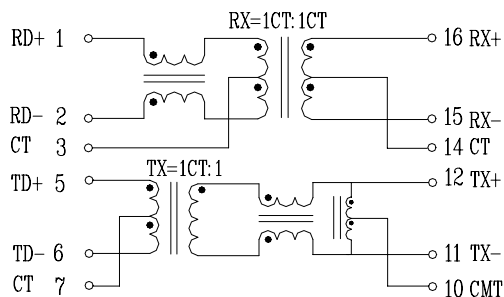
Bothhand USA email:sales@bothhandusa.com http://www.bothhandusa.com
10/100 BASE-T TRANSFORMER
P/N:16PT8512B DATA SHEET

Feature



- Compliant with IEEE802.3u and ANSI X3.263 standards 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 (±5%)		OCL (uH Min) @100KHz/0.1V with 8mA DC Bias		Rise Time 10-90% (nS Typ)		CMR	HI-POT (Vrms)
	TX	RX					(dB Min)	
							0.3-100MHz	
16PT8512B	1CT:1	1CT:1CT	350		2.5		-35	1500
Continue								
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)					Cross talk (dB Min)	DCMR TX/RX(dB Min)
	0.3-100MHz	30MHz	40MHz	50MHz	60MHz	80MHz	0.3-100MHz	0.3-100MHz
16PT8512B	-1.15	-16	-14	-13.5	-13	-12	-35	-30
Schematic				Mechanical				



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