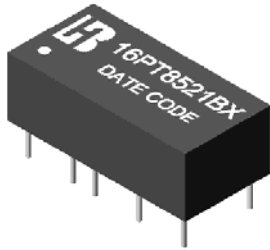


**Bothhand USA    email:sales@bothhandusa.com    http://www.bothhandusa.com**  
**10/100 BASE-T TRANSFORMER**  
**P/N:16PT8521BX DATA SHEET**

**Feature**



- Designed to meet IEEE802.3u requirement.
- Symmetrical TX and RX channels for Auto MDI/MDIX capability.
- 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%) TX/RX	PRI OCL (uH Min) @100KHz/0.1V with 8mA DC Bias				HI-POT (Vrms)	
16PT8521BX	1CT:1CT	350				1500	
Continue							
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)	DCMR (dB Min)TX/RX
		0.3-100MHz	0.5-30Mz	40MHz	50MHz		
16PT8521BX	-1.1	-16	-15	-13	-11	-35	-30

**Schematic**

**Mechanical**

