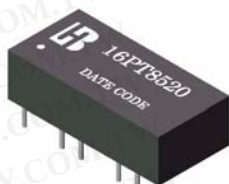


10/100 BASE-T TRANSFORMER

P/N:16PT8520 DATA SHEET

Page : 1/1

Feature



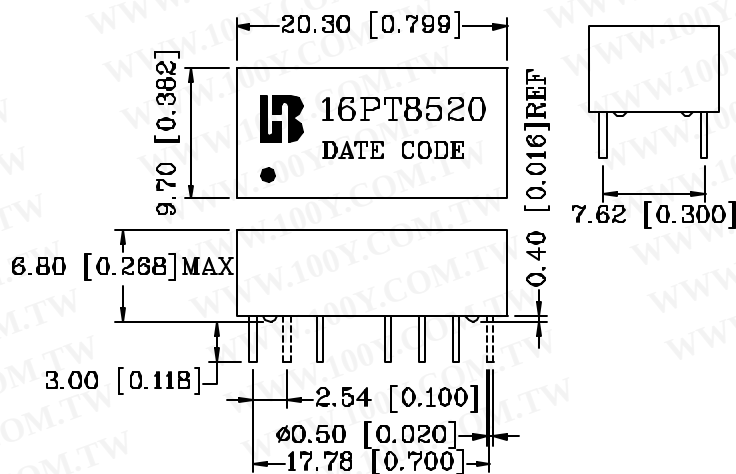
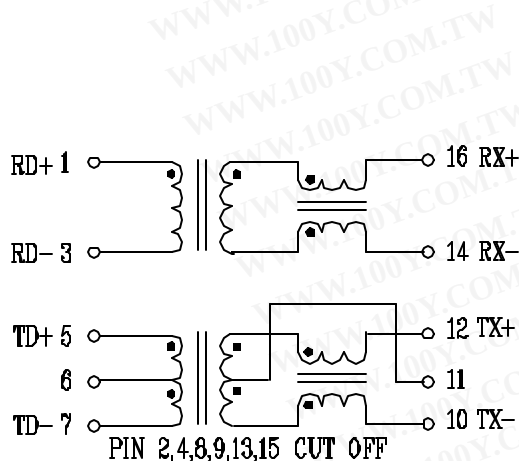
- Designed for 10/100 MB/s transmission over UTP-5 cable.
- Tested & qualified for use with national semiconductor's DP83840 Ethernet 10/100 PHY chip
- Cable interface for isolation and low common mode emissions.
- 16-PIN DIP package for economic cost
- Storage temperature range: -25°C to +125°C.
- Operating Temperature range: 0°C to +70°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias			CW/W (pF Max)	L.L (uH Max)	DCR (Û Max)	Hi POT (Vrms)	
	TX	RX								
16PT8520	1CT:1CT	1:1	350			28	0.6	0.9	1500	
Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)		
	0.3-100 MHz	0.5-30MHz	40MHz	50MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
16PT8520	-1.1	-16	-15	-13	-11	-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]

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw