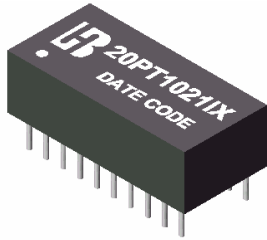


10/100 BASE DUAL PORT TRANSFORMER FOR MDIX APPLICATION

P/N: 20PT1021IX DATA SHEET

Feature



- IEEE 802.3 Ethernet compatible, 100 BASE-TX.
- 20 PIN DIP Package compatible with popular IC chips.
- Design for multi-port repeater and Ethernet switching Hub application.
- Customer designs available for specific application.
- 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(i H Min) (±5%) @100KHz/0.1Vrms 8mA DC/Bias	L.L (i H Max)	Cw/w (pF Max)	Rise Time (ns TYP)	Pri DCR (TX /RX) (Ω Max)	HI-POT (Vrms)		
	TX	RX								
20PT1021IX	1CT:1CT	1CT:1CT	350	0.5	50	2.5	0.9	1500		
Continue										
Part Number	Insertion Loss (dB Max) 0.3-100MHz	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)			
		0.3-30MHz	30-60MHz	60-80MHz	0.3-60MHz	60-100MHz	0.3-30MHz	30-60MHz	60-100MHz	
20PT1021IX	-1.15	-18	-14	-12	-40	-35	-38	-33	-30	

Schematic

Mechanical

