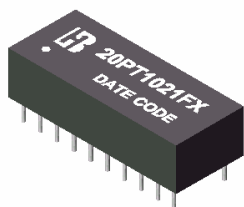


10/100 BASE DUAL PORT TRANSFORMER**P/N: 20PT1021FX DATA SHEET**

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Feature

- IEEE 802.3 Ethernet compatible, 100 BASE-TX.
- 20 PIN DIP package compatible with popular IC chips.
- Design for multiport 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%) TX/ RX	PRI OCL (i H Min) @100KHz/0.1Vrms 8mA DC/Bias	L.L (i H Max)	C _{www} (pF Max)	Rise time (ns Typ) 10-90%	HI-POT (Vrms)
20PT1021FX	1CT:1CT	350	0.5	50	2.5	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)		
	0.3-100MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
20PT1021FX	-1.15	-18	-14	-12	-45	-35	-40	-35	-30

Schematic**Mechanical**