

20 PIN DIP ETHERNET 10/100 BASE DUAL PORT TRANSFORMER

PN:20PT1021A1 DATA SHEET

A.GENERAL SPECIFICATIONS:

- 1.IEEE 802.3 ETHERNET COMPATIBLE, 100 BASE-TX
- 2.20 PIN DIP PACKAGE COMPATIBLE WITH POPULAR IC CHIPS.
- 3.DESIGN FOR MULTIPORT REPEATER AND ETHERNET SWITCHING HUB APPLICATION
- 4.CUSTOMER DESIGNS AVAILABLE FOR SPECIFIC APPLICATION

B.ELECTRICAL SPECIFICATIONS@25°C

- 1.ISOLATION HI-POT: 1500 Vrms (PRI. /SEC.)
- 2.TURN RATIO (+/- 5%): TX=1CT: 1CT, RX=1:1
- 3.RISE TIME: 2.5 ns TYP
- 4.CW/W: 28 pF MAX
- 5.LEAKAGE INDUCTANCE: TX /RX 0.5uH Max
- 6.CMRR (0.1-100 MHz): -40dB
- 7.CROSSTALKS (0.1 TO 100MHz): -38dB Min
- 8.PRIMARY DC RESISTANCE, DCR (OHM Max): TX & RX :0.9
- 9.PRIMARY OCL (uH Min): TX & RX: 350 AT 100KHz/0.1Vrms, 8mA DC.
- 10.INSERTION LOSS (dB Max): -1.15dB AT 1MHz-100MHz
- 11.RETURN LOSS (dB Min): 1MHz-30MHz -18dB
 30MHz-60MHz -14dB
 60MHz-80MHz -12dB

C.SCHEMATIC & DIMENSIONS & MARKING (UNIT mm):

