

10 BASE T PULSE TRANSFORMER

P/N: 8PT08D01 DATA SHEET

A. GENERAL SPECIFICATIONS:

1. DESIGN FOR TELCOM APPLICATIONS.
2. FOR EMI REDUCTION & FILTER COMMON MODE NOISE.
3. 8 -PIN DIP PACKAGE.
4. OPERATING TEMP RANGE: 0°C TO +70°C
5. STORAGE TEMP RANG: ±25°C TO +125°C

B. ELECTRICAL SPECIFICATIONS AT 25°C:

1. TURN RATIO (±5%): (2-3 TO 5-6) 1:1
2. PRI. INDUCTANCE @ 10 KHz, 0.6 V, L (2-3): 2.5 mH Min
3. LEAKAGE INDUCTANCE (LL, uH Max) @ 100 KHz, 0.06V (2-3). 5-6 SHORT: 6.0
4. COUPLING CAPACITANCE @ 1MHz, 0.5V (CW/W pF Max): 25
5. DCR (OHM Max): (2-3), (5-6): 1.0Ω Max
(1-2), (3-4): 1000 ± 5 %Ω
6. HI-POT ISOLATION (Vrms Min): 2000

C. SCHEMATIC & DIMENSIONS & MARKING (UNIT mm)

