

10 BASE-T ETHERNET COUPLING TRANSFORMER

P/N: TA140-06B DATA SHEET

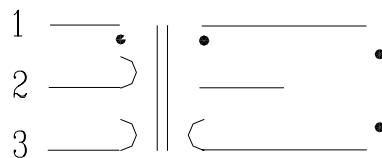
A. GENERAL SPECIFICATIONS:

1. LOW PROFILE PACKAGE 16 PIN, DIP PACKAGE TO MEET IEEE802.3&10-BASE-T SPECIFICATION.
2. LOW LEAKAGE INDUCTANCE AND WINDING CAPACITANCES FOR FAST RISE TIME.
3. HIGH ISOLATION VOLTAGES TO COMPLY WITH INTERNATIONAL SAFETY REQUIRMENTS FOR LAN.
4. OPERATING TEMPANGE: 0°C TO +70°C.
5. STORAGE TEMP RANG: -25°C TO + 125°C

B. ELECTRICAL SPRCIFICATIONS 25°C:

1. TURN RATIOS (PRI: SEC $\pm 5\%$): 1CT: 1CT
2. PRIMARY INDUCTANCE: 140uH MIN
3. RISE TIME: 5 ns MAX
4. PRI /SEC. CW/W: 12pF Max
5. PRI /SEC. LEAKAGE INDUCTANCE: 0.45 uH Max
6. PRIMARY DCR: 0.3 Ω Max
7. Hi-POT: 1500 Vrms

C. SCHEMATIC & DIMENSIONS & MARKING (UNIT: m/m)



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