

10 BASE-T ETHERNET ISOLATION TRANSFORMER

P/N: TA100-06B DATA SHEET

A. GENERAL SPECIFICATIONS:

1. 16 PIN, DIP PACKAGE TO MEET 10 MB T SPECIFICATION.
2. IEEE802.3 (10 BASE 2,10 BASE 5) AND ECMA COMPATIBLE
3. LOW LEAKAGE INDUCTANCE AND WINDING CAPACITANCES FOR FAST RISE TIME.
4. HIGH ISOLATION VOLTAGES TO COMPLY WITH INTERNATIONAL SAFETY REQUIRMENTS FOR LANS.
5. OPERATING TEMPANGE: 0⁰C TO 70⁰C.
6. STORAGE TEMP RANG: -25⁰C TO + 125⁰C

B. ELECTRICAL SPRCIFICATIONS: (25⁰C)

1. TURN RATIOS: 1: 1
2. SINE WAVE INDUCTANCE (uH +/- 20%): 125
3. PULSE INDUCTANCE (uH MIN): 80
4. PRIMARY ET-CONSTANT (v-us Min): 2.1
5. RISE TIME (ns MAX): 3.0
6. Pri./Sec. CW/W (pFMax): 10
7. PRI. /SEC. LEAKAGE INDUCTANCE (uH MAX): 0.2
8. DCR (OHM MAX):0.3
9. HI-POT (Vrms): 1500

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

