

10 BASE-T SMD ETHERNET TRANSFORMER

P/N: TS075-06 DATA SHEET

A. GENERAL SPECIFICATIONS

1. IEEE 802.3 (10 BASE5/10BASE 2) AND ECMA COMPATIBLE.
2. 16 PIN SOL PACKAGE
3. TURN RATIO 1:1+-5%
4. DISSIPATION RATING 75mW
5. HI-POT 2000Vrms
6. INSULATION RESISTANCE 10000M MIN. @50Vdc
7. PEAK PULSE RATING 50VOLTS

B. ELECTRICAL SPECIFICATIONS @25°C:

1. OCL (OPEN CIRCUIT INDUCTANCE) 75uH+-20% @100KHz, 50mVrms
2. (OTHER OCL ALSO AVAILABLE UPON REQUEST)
3. ET CONSEANT 1.5V.us MIN
4. RISE TIME 1.8 nS MAX
5. COUPLING CAPACITANCE (Cw/w): 10 pF MAX
6. LEAKAGE INDUCTANCE (LL) 0.1uH MAX.
7. DC REISITANCE 0.2 OHM

C. SCHEMATICS & DIMENSIONS & MARKING (Unit: m/m)

