

**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)**

