

10 BASE-T DIP ETHERNET COUPLING TRASFORMER

P/N: S5601 DATA SHEET

A. GENERAL SPECIFICATIONS:

1. LOW PROFILE PACKAGE 4 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 TEMPERATURE RANGE: 0°C TO +70°C

B. ELECTRICAL SPECIFICATIONS: (25°C)

- 1.PRIMARY INDUCTANCE(Lp): 500uH Min @ 100KHz /200mVrms
- 2.LCAKAGE INDUCTANCE(L.L): 03uH Max @ 100MHz/ 200mVrms
- 3.CAPACITANCE RESISTANCE (CW/W): 15pF Max
- 4.TURN RATIO: 1: 1±2%
- 5.IMPEDANCE:
FREQUCNCY: 50 100 150 200 250 300
IMPEDANCE (OHM): 750 450 250 150 120 100
- 6.INSERTION LOSS: -1.0dB Max @ 1-60MHz
- 7.RETURN LOSS: -12dB Min @ 1-30MHz
- 8.HI-POT: 1500Vrms

C.DIMENSIONS & SCHEMATIC & MARKING (UNIT: mm)

