

# 10 BASE-T ETHERNET COUPLING TRANSFORMER

## P/N: TA648B DATA SHEET

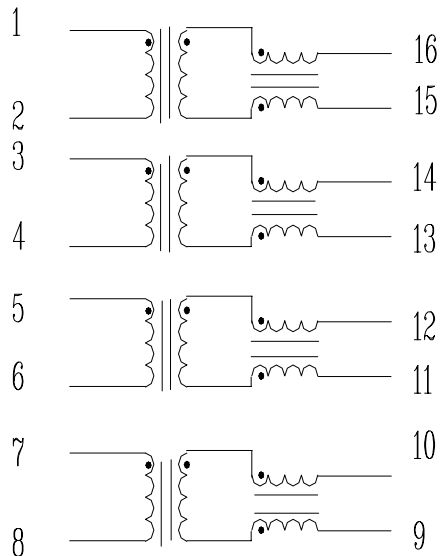
### A. GENERAL SPECIFICATIONS

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

### B. ELECTRICAL SPECIFICATIONS@25°C

- 1.ISOLATION: 2000 Vrms
- 2.ISOLATION RESISTANCE: 10,000 Mohm
3. TURNSRATIO: 1: 1 +/-3%
4. PRI.OCL: 200uH Min.@ 100KHz 200mV
5. CW/W: 15pF Max. (PRI/SEC)
6. LEADKAGE INDUCTANCE: 0.3uH Max
7. PRI DC RESISTANCE: 0.3 OHM Max
8. SEC DC REISITANCE: 0.7OHM Max
9. CMRR CHOKE OCL: 30uH TYPICAL

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



PIN 1 DOT

