

# 10 BASE ETHERNET COUPLING TRANSFORMER

P/N: 16ST90

## A. GENERAL SPECIFICATION:

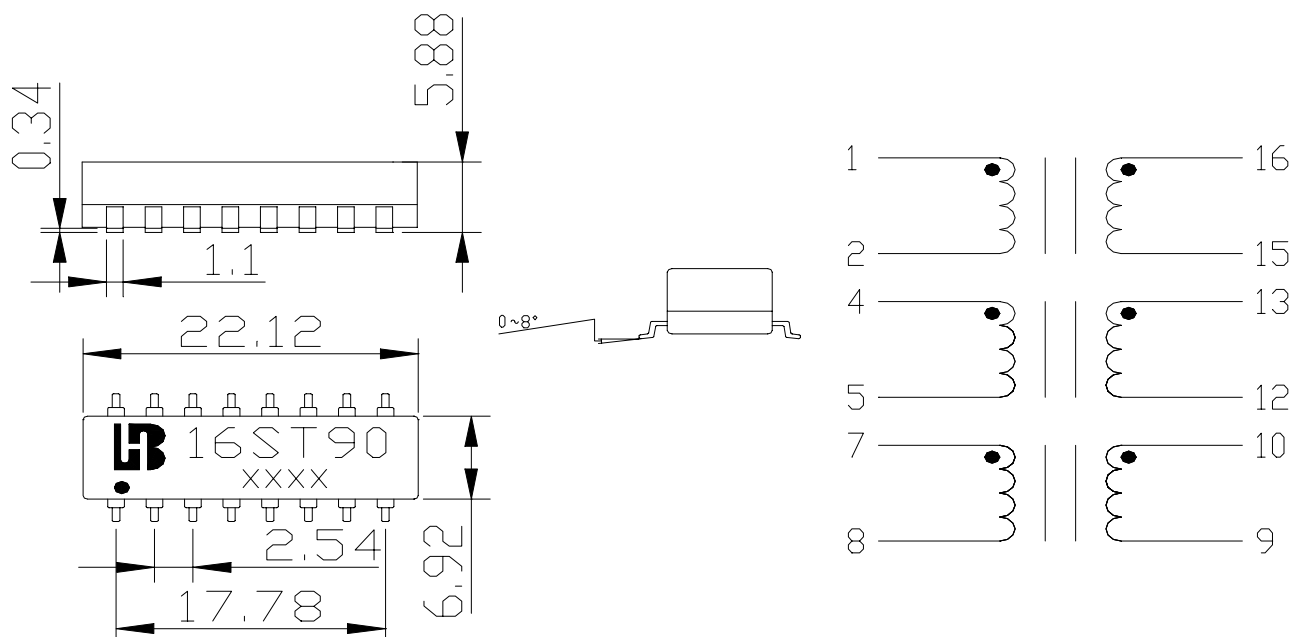
1. LOW PROFILE PACKAGE 16 PIN DIL PACKAGE TO MEET IEEE802.3 & 10-BASE T SPECIFICATION.
2. LOW LEAKAGE INDUCTANCE AND WINDING CAPACITANCES FOR FAST RISE TIME.
3. HIGH ISOLATION VOLTAGES TO COMPLY WITH INTERNATIONAL SAFETY REQUIREMENTS FOR LAN.
4. OPERATING TEMP RANGE: 0°C TO +70°C.
5. STORAGE TEMP RANGE: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

## B. ELECTRICAL SPECIFICATIONS:

1. Turn Ratio: 1:1 ± 5%.
2. OCL: 67uH – 110 uH @ 5mV-10KHZ.
3. LL: 0.25 uH MAX 140 KHZ.
4. Cw/w: 10 Pf MAX 140 KHZ.
5. DCR: 0.3 Ω MAX.
6. HI-POT: 2000 VRMS (EACH PRI – SEC ONLY)
7. Rise Time: 3.0 MAX.

## C: SCHEMATIC&MECHANICAL&MARKING:

Dimension: mm ± 0.25.



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