

ISOLATION TRANSFORMER FOR 10BASE-T

P/N: TS6489 DATA SHEET

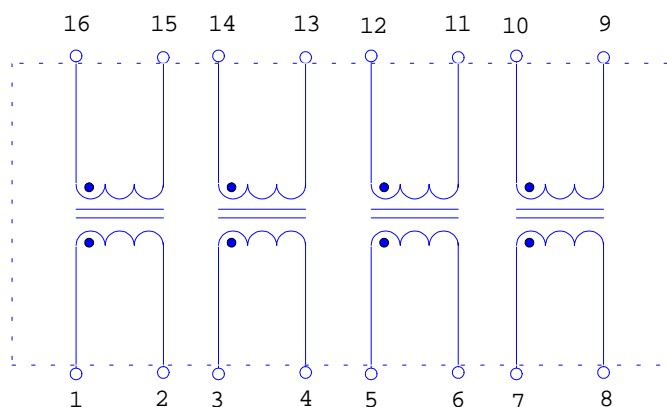
A. GENERAL SPECIFICATIONS:

1. FOR ADAPTER CARDS, MAUS, HUBS, AND MOTHERBOARD APPLICATIONS.
2. DESIGNED TO MEET OR EXCEED IEEE 802.3, 10BASE-T SPECIFICATIONS.
3. AVAILABLE WITH COMMON MODE CHOKES FOR EMI SUPPRESSION.
4. SURFACE MOUNT, IC GRADE, TRANSFER-MOLEDE PACKAGE WITHSTANDS 235°C PEAK TEMPERATURE PROFILE.
5. 16PIN, SMD PACKAGE.

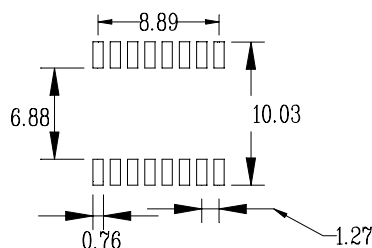
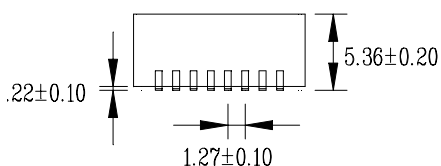
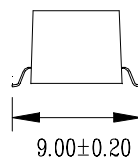
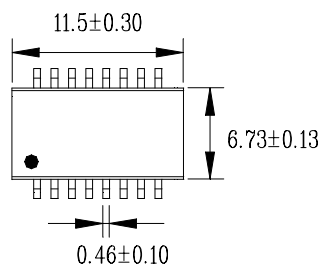
B. ELECTRICAL SPECIFICATIONS@ 25°C

| Turns Ratio(+/-3%) PRI/SEC PRI(1-2),(3-4), (5-6),(7-8) | PRI OCL (μH) | PRI DCR (Ω max) | PRI LL (μH max) | Insulation Resistance (MΩ) | Rise Time (nS max) | Cw/w (pF max) | Isolation (Vrms) |
|--|-----------------|-----------------------|-----------------------|----------------------------------|-----------------------|------------------|---------------------|
| (1:1), (1:1.41), (1:1.41), (1:1) | 140/140 typ | 0.4/0.4 | 0.4 | 10,000 | 3.0 | 12 | 1500 |

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



PIN 1 DOT



Tolerance : ±0.25