

10 BASE-T COUPLING TRANSFORMER

P/N: TS7024 DATA SHEET

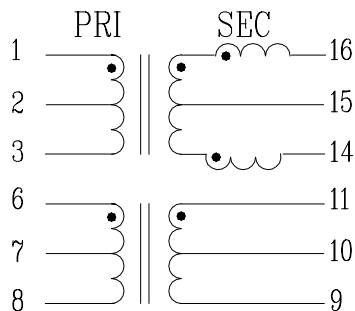
A.GENERAL SPECIFICATIONS:

1. 16PNS,XMD PACKAGE TO COMPLIANT WTTTH IEEE802.3 STABDARD.
2. MODEL IS AVAILABLE TO INTERF ACE WITH 10 BASE-T TRANSCEIVERS.
3. COMPATIBLE WITH IR OVEN PROCESSES.
4. STORAGE TEMP RANGE: -25°C TO +125°C

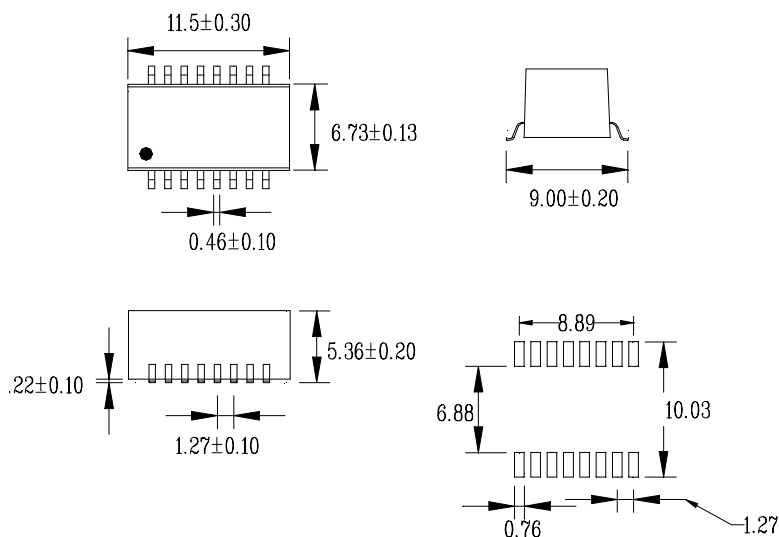
B. ELECTRICAL SPECIFICATIONS: (@ 25°C)

- 1.PRIMARY INDUCTANCE (Lp): 50/200uH min @ 200mV/100KHz.
- 2.LEAKAGE INDUCTANCE (LL): 0.2uH MAX. @ 200mV/100KHz.
- 3.INTER-WINDING CAPACITANCE (Cw/w): 10pF max.
- 4.DCR: 0.20Ω MAX
- 5.ET-CONSTANT: 3.5V-us MAX.
- 6.RISE TIME: 3.0ns MAX.
- 7.INSERTION LOSS: -0.5dB Max @1-10MHz.
- 8.HI-POT: 1500Vrms Min.
- 9.TURN RATIO: PIN(1-3): (16-14)=1CT:2CT/PIN (6-8): (11-9)=1CT: 1CT

C.SCHEMATIC & DIMENSIONS & MARKING (UNIT mm)



PIN 1 DOT



Tolerance : ±0.25