

10 BASE-T SMD ETHERNET TRANSFORMER

P/N:TS7022 DATA SHEET

A. GENERAL SPECIFICATIONS:

1. 16 PIN SMD PACKAGE TO COMPLIANT WITH IEEE 802.3 STANDARD.
2. MODEL IS AVAILABLE TO INTERFACE WITH 10 BASE-T TRANSCEIVERS.
3. COMPATIBLE WITH IR OVEN PROCESSES.
4. OPERATING TEMPERATURE RANGE: 0°C TO +70°C
5. STORAGE TEMP RANGE: -25°C TO + 125°C

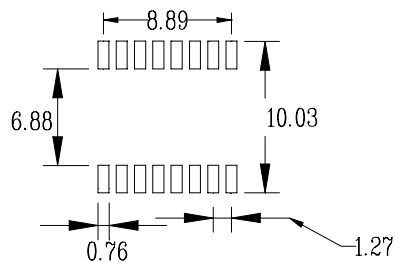
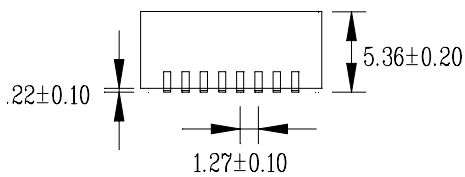
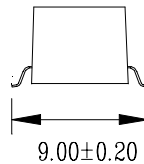
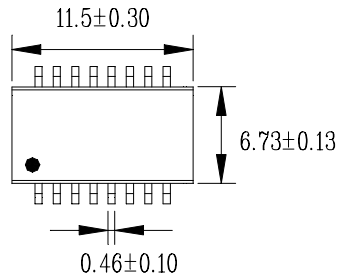
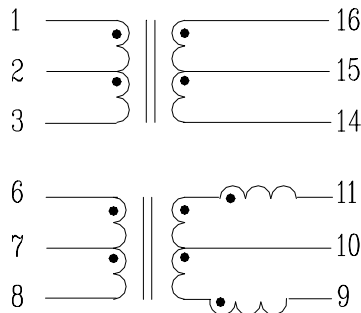
B. ELECTRICAL SPECIFICATIONS: (@ 25°C)

1. TURNS RATIO: 1-3/16-14=1CT: 1CT; 6-8/11-9: =1CT: 2CT.
2. PRIMARY OCL: 1-3 & 9-11(uH MIN.): 140. (AT 100KHz/0.2Vrms)
3. PRI/SEC C w/w: 12 pF MAX
4. PRI/SEC LEAKAGE INDUCTANCE: 0.30 uH MAX
5. PRIMARY DCR: 0.60. OHM MAX
6. HI-POT: 1500Vrms_MIN @ 0.5 mA

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



PIN 1 DOT



Tolerance : ±0.25