

10 BASE-T, SMD ETHERNET TRANSFORMER

P/N: TS7010 DATA SHEET

A. GENERAL SPECIFICATIONS:

1. 16 PIN SMD PACKAGE TO COMPLIANT WITH IEEE 802.3 STANDARD.
2. WITH COMMON CHOKE TO MEET FCC CLASS B & CISPR B.
3. MODEL IS AVAILABLE TO INTERFACE WITH 10 BASE-T TRANSCEIVERS.
4. COMPATIBLE WITH IR OVEN PROCESSES.
5. OPERATING TEMPERATURE RANGE: 0°C TO +70°C
6. 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: 1.41CT.
2. PRIMARY OCL: 1-3 & 9-11: 140 uH MIN.
3. PRI/SEC C w/w: 20. pF MAX.
4. PRI/SEC LEAKAGE INDUCTANCE: 0.40 uH MAX
5. PRIMARY DCR: 0.90 OHMS MAX.
6. HI-POT: 1500Vrms MIN @ 0.5 mA

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

