

10 BASE-T SMD ETHERNET TRANSFORMER

P/N: TS7011 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: 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 (uH MAX): 0.30
5. PRIMARY DCR (OHM MAX.): 0.90.
6. Hi-POT: 1500Vrms MIN @ 0.5 mA

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

