

10 BASE-T SMD ETHERNET TRANSFORMER

P/N: TS7021 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=2CT: 1CT; 6-8/11-9: =1CT: 1CT.
2. PRIMARY OCL: 1-3 & 9-11(uH MIN.): 175 (AT 100KHz/0.2V)
3. PRI/SEC Cw/w: 20 pF MAX
4. PRI/SEC LEAKAGE INDUCTANCE: 0.30 uH MAX
5. PRIMARY DCR: 0.9. OHM MAX
6. HI-POT: 1500Vrms

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

