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) :

