

10/100 BASE PCMCIA TRANSFORMER

P/N: TS0013 DATA SHEET

A. GENERAL SPECIFICATION:

1. DESIGN FOR 10/100 MB/s TX, & ATM 155 MB/s APPLICATION.
2. MEETS ANSI X3.236-1995 TP-PMD, 100 Base-TX, ATM 155Mbps UNI, AND IEEE 802.3u, AND 802.3 SPECIFICATIONS.
3. VERY LOW PROFILE PCMCIA /PC CARD, SMD PACKAGE.
4. OPERATING TEMP RANGE: 0°C TO +70°C.
5. STORAGE TEMP RANGE: -25°C TO +125°C

B. ELECTRICAL SPECIFICATION @25°C

1. INSERTION LOSS: 100KHz TO 100MHz(dB Max): -1.3
2. TURN RATIO (+/- 5%): RX 1CT: 1CT TX 1CT: 1CT
3. RETURN LOSS (dB Min):
30MHz -16
60MHz -12
80MHz -11
4. CROSS TALK (dB Min):
30MHz -40
62MHz -40
100MHz -35
5. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN).
30 50 100 150 MHz
-15 -18 -20 -20
6. HI-POT ISOLATION (Vrms MIN): 1500.

C. SCHEMATIC & DIMENSIONS & MARKING (UNIT mm)

