

10/100 BASE PCMCIA TRANSFORMER

P/N: 16ST0002X 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 802.3i 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 (0.3MHz TO 100MHz): -1.3 dB MAX.
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 INSULATION: 1500 Vrms/0.5mA 1Sec.

