

# ATM Interface Transformers

Designed for 155Mbps ATM applications over UTP-5 cable

Supports 100 Base-X and Twisted Pair FDDI

Supports either transmit or receive channels

IEEE 802.3 Compatible

Low common mode emissions

Fast Rise Times

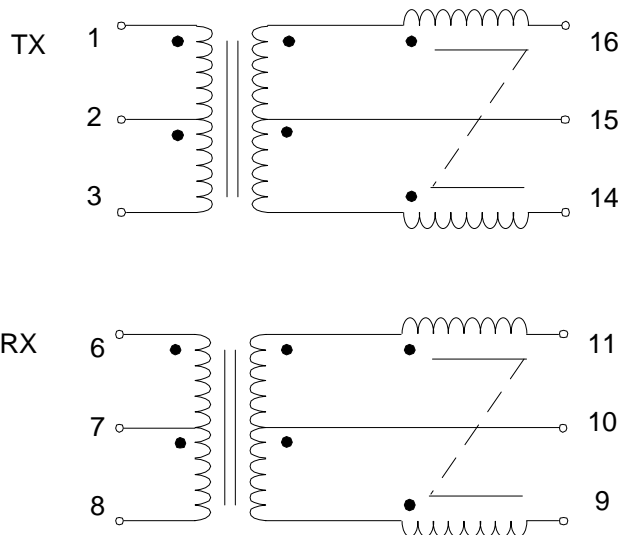
Electrical Specifications at 25° C

Turns Ratio (TX : 1CT : 1CT) (RX : 1CT 1CT)	
OCL (100KHz & 100 mV <sub>RMS</sub> @8mA) .....	350 μH Min.
Rise Time (10-90%) .....	2.0 ns Typ.
Cross Talk Attenuation .....	-30 dB Min.
CMRR (1-100MHz) .....	-40 dB Typ.
Isolation .....	1500 V <sub>RMS</sub> Min.
Insertion Loss (1-100 MHz) .....	1.0 dB Max.
Return Loss (5-100 MHz) .....	15 dB Typ.

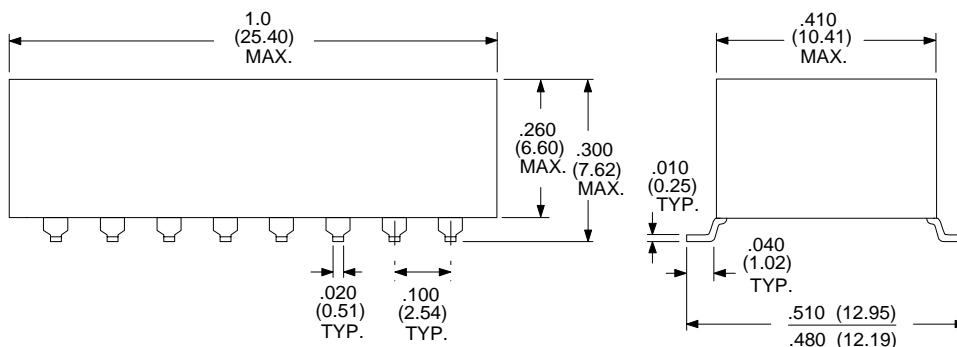
TX = TRANSMIT CHANNEL

RX = RECEIVE CHANNEL

## schematic



Dimensions in Inches (mm)



*SMD versions available on Tape & Reel*

Rhombus P/N: <b>T-15505</b>	
Cust. P/N:	Name:
Date: <b>4/28/99</b>	Sheet: 1 of 1