

# 10/100 BASE-T SINGLE PORT TRANSFORMER MODULE

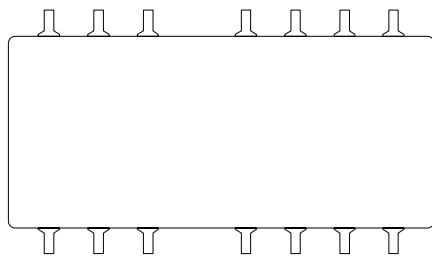
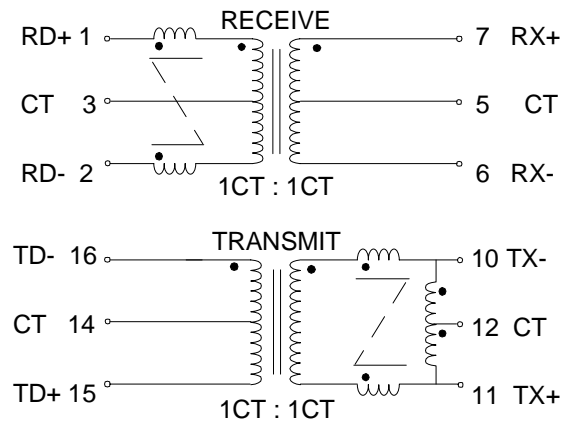
**1 : 1 Transmit Turns Ratio Compatible With Intel, National Semiconductor, Level One, ICS, Kendin, TDK, Broadcom, SEEQ and Lucent Transceivers**

## Electrical Specifications at 25°C

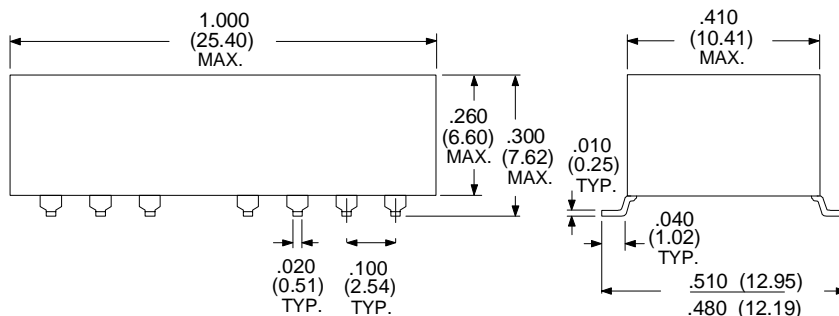
Part Number	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100Ω)				Crosstalk (dB MIN)			Differential to Common Mode Rejection (dB MIN)			Hipot (Vrms MIN)
		1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
T-17004	0.1-100MHz	-20	-20	-18	-14	-50	-40	-40	-42	-36	-33	1500

## Schematic Diagram

- Meets all IEE 802.3 and ANSI X3.263 standards including 350 μH OCL with 8 mA bias
- Mil. Grade Epoxy encapsulated package withstands 235°C IR reflow
- Tape and Reel available.



## Dimensions in inches (mm) (Unused Pin 4 is omitted)



RHOMBUS P/N: **T-17004**

CUST P/N:

NAME:

DATE: **5/22/02**

SHEET: 1 OF 1