

# 10/100 BASE-T SINGLE PORT TRANSFORMER MODULE

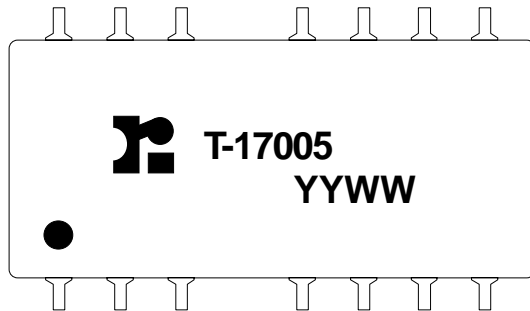
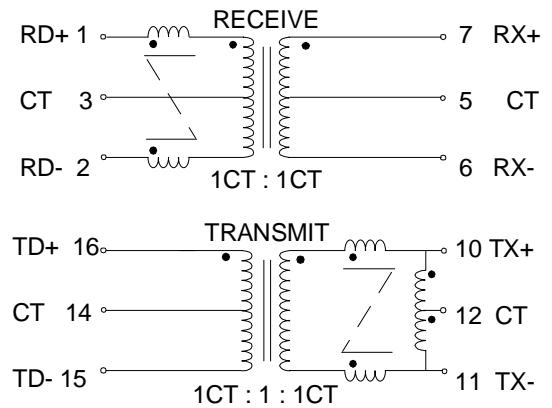
**1 : 1 Transmit Turns Ratio Compatible With Intel, National Semiconductor, Level One, ICS, Kendin, TDK, Broadcom, SEEQ and Lucent Transceivers**

Electrical Specifications at 25°C

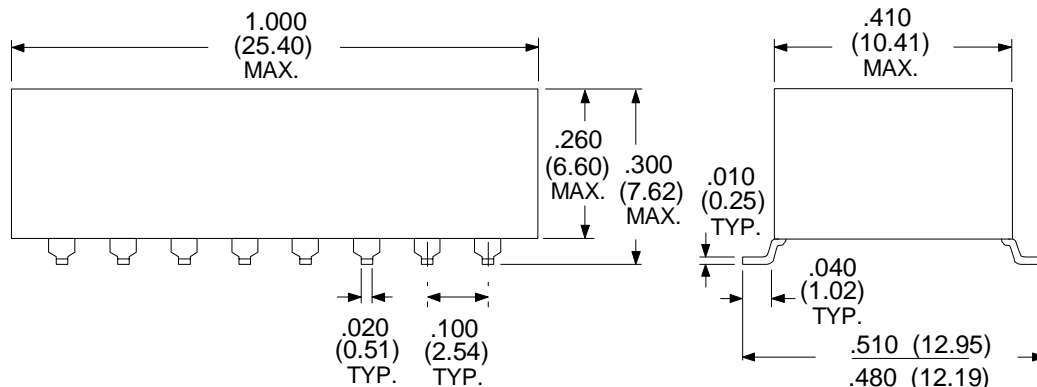
Part Number	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100Ω)				Crosstalk (dB MIN)			Differential to Common Mode Rejection (dB MIN)			Hipot (Vrms MIN)
		1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
T-17005	0.1-100MHz	-18	-18	-16	-12	-50	-45	-40	-55	-50	-50	1500

- 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.

### Schematic Diagram



Dimensions in inches (mm)



RHOMBUS P/N: <b>T-17005</b>	
CUST P/N:	NAME:
DATE: <b>12/10/01</b>	SHEET: <b>1 OF 1</b>