

# 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**

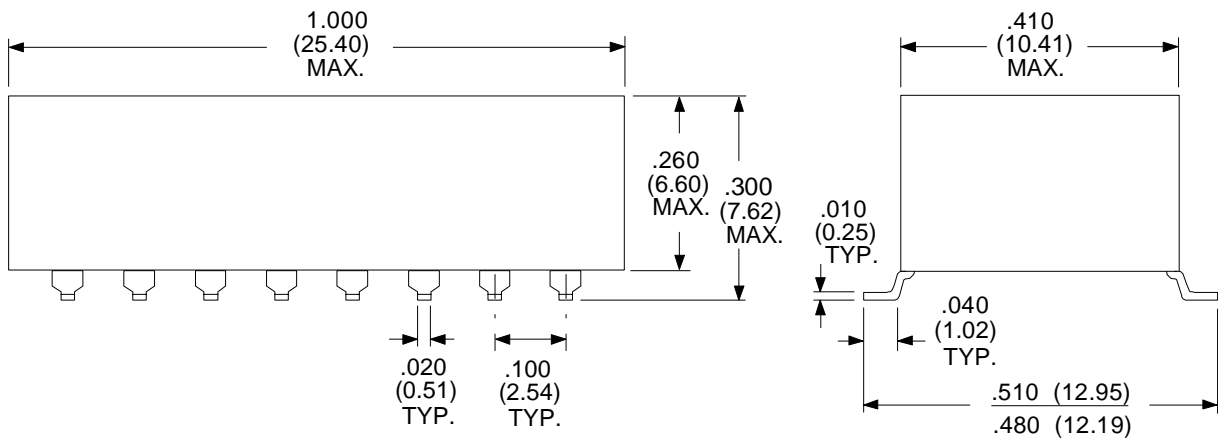
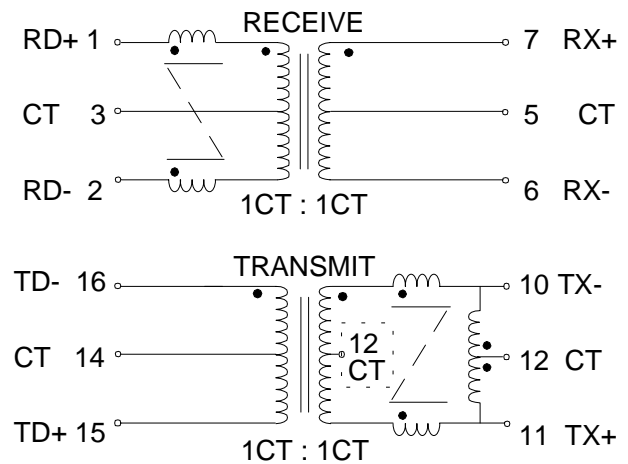
Electrical Specifications at 25°C

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-17804	-1.0	-20	-20	-18	-14	-50	-40	-40	-42	-36	-33	1500

**Operating Temperature Range: -40°C to + 85°C**

- 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



Dimensions in inches (mm)

RHOMBUS P/N: <b>T-17804</b>	
CUST P/N:	NAME:
DATE: <b>5/21/01</b>	SHEET: 1 OF 1