

# 10/100 BASE-T SINGLE PORT TRANSFORMER MODULE

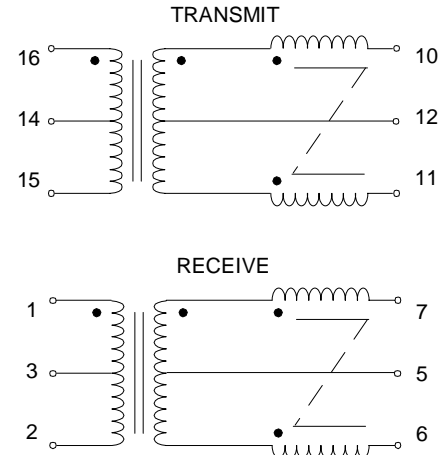
**1 : 1 Transmit Turns Ratio Compatible With Intel, National Semiconductor, Level One, ICS, Kendin, TDK, Broadcom, SEEQ and Lucent Transceivers**

Electrical Specifications at 25°C

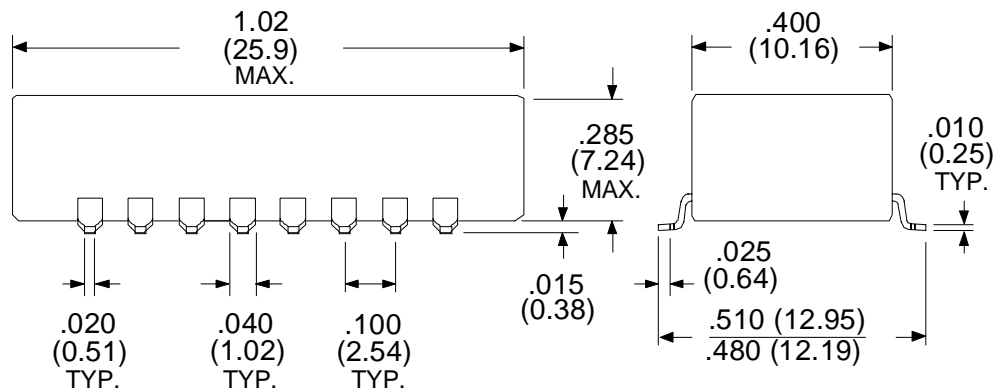
Part Number	Insertion Loss (dB MAX)	Return Loss (Typ) in MHz			Crosstalk (dB MIN)			Differential to Common Mode Rejection (dB MIN)			Turns Ratio		Hipot (Vrms Min.)
		0.1-100MHz	50MHz	60MHz	80MHz	30MHz	60MHz	100MHz	30MHz	50MHz	100MHz	TX	
T-17011	-1.0	-16	-12	-10	-45	-38	-34	-42	-37	-33	1.41CT:1CT	1CT:1CT	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) ( Unused Pin 4 is omitted )



RHOMBUS P/N: <b>T-17011</b>	
CUST P/N:	NAME:
DATE: <b>12/6/01</b>	SHEET: 1 OF 1