

10/100 BASE-T SINGLE PORT TRANSFORMER MODULE

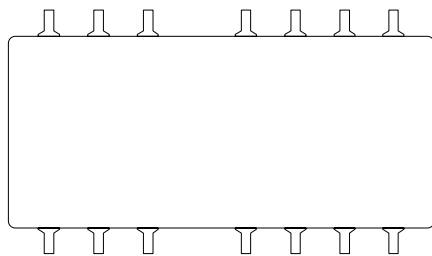
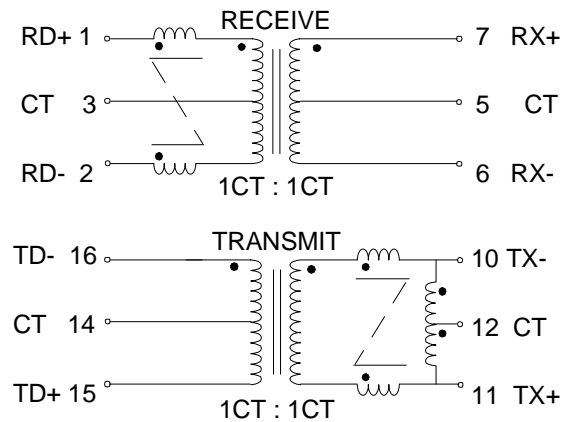
1 : 1 Transmit Turns Ratio Compatible With Intel, National Semiconductor, Level One, ICS, Kendin, TDK, Broadcom, SEEQ and Lucent Transceivers

Electrical Specifications at 25°C

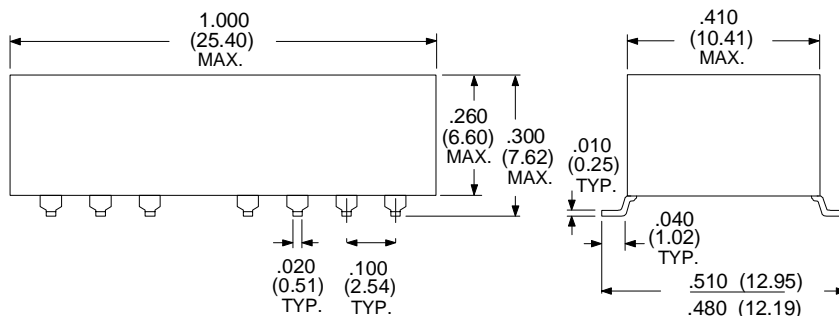
| Part Number | Insertion Loss (dB MAX) | Return Loss (dB MIN @ 100Ω) | | | | Crosstalk (dB MIN) | | | Differential to Common Mode Rejection (dB MIN) | | | Hipot (Vrms MIN) |
|-------------|-------------------------|-----------------------------|-------|-------|----------|--------------------|-------|--------|------------------------------------------------|-------|--------|------------------|
| | | 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