

# GIGABIT DUAL TRANSFORMERS

Turns Ratio ( $\pm 6\%$ )

1 : 1

PARAMETER	MIN.	MAX.	UNITS
Primary Inductance (@ 20 mVrms, 100 kHz)	5.50		$\mu\text{H}$
Rise Time (20%-80%)		350	ps
DC Resistance		0.21	ohms
Isolation	1500		$V_{\text{RMS}}$
Low Frequency Cutoff (-3dB)	$\leq 2.5 \text{ MHz}$		

Operating Temperature Range:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

For Use with  $150\Omega$  Twinax Cable

Compliant with ANSI X3T9.5, FC-PH-3 Fibre Channel Physical Layer Specification.

Compliant with IEEE 802.3z PMD.

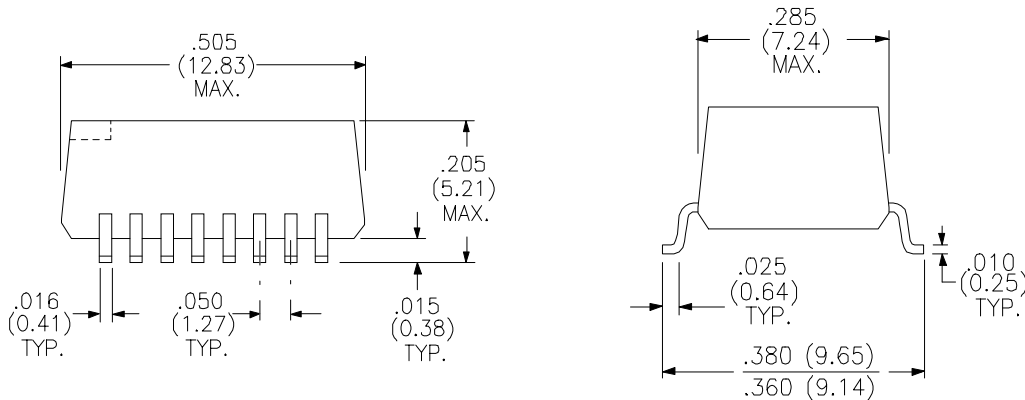
Designed for fast rise-time and a low frequency cutoff of 2.5 MHz.

IC grade transfer-molded package  
 $225^{\circ}\text{C}$  peak temperature profile recommended

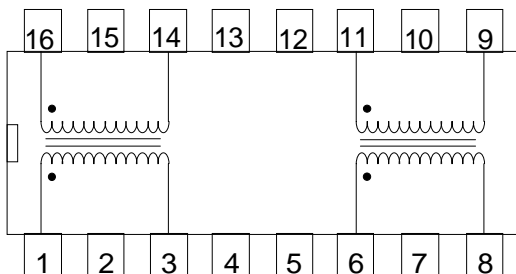
Parts shipped in anti-static tubes. 33 pieces per tube.

*Tape & Reel Available*

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



RHOMBUS P/N: **T-18001**

CUST P/N:

NAME:

DATE: **9/31/01**

SHEET: 1 OF 1