

# ISOLATION TRANSFORMER

Turns Ratio ( ± 5% )	1:1
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Designed for IEE 802.3 (1 BASE 5)  
High Isolation to comply with  
International Safety Requirements  
for LANS (ECMA 97)

Fast Rise Times

Designed for Hub and Node Use

4-Wire Filters are Available

Flammability: Materials used in  
the production of these units  
meet requirements of UL94-VO  
and IEC 695-2-2 needle flame  
test.

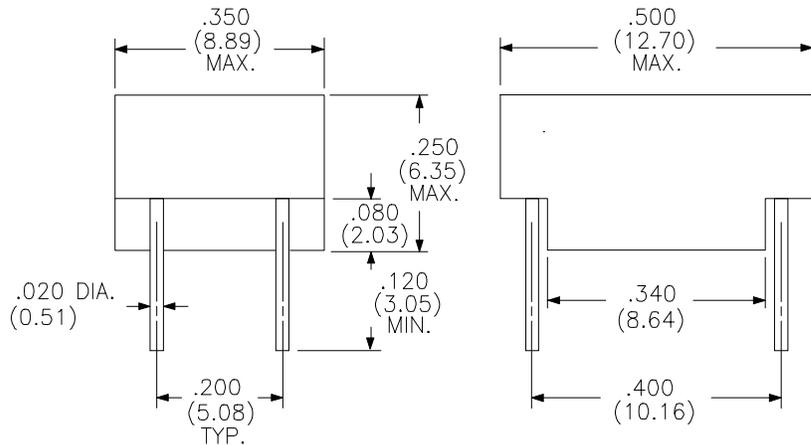
PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance	2.0	3.0	mHy
Leakage Inductance		1.1	μHy
Interwinding Capacitance (C <sub>ww</sub> )		40	pF
Primary DC Resistance		1.0	ohms
Secondary DC Resistance		1.0	ohms
Isolation (HI-POT)	2.0		KV <sub>RMS</sub>
ET Product	20		VμS
Rise Time		25	ns
Common Mode Rejection ( @ 1MHz in 100 Ω System)	50		dB

TEST CONDITIONS:  
Oscillation Voltage = 20mV  
Oscillation Frequency = 100.0 KHz  
Inductance measured on Primary winding. Pins 1 - 2.

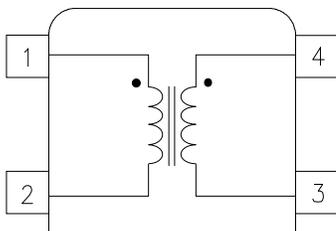
Parts shipped in anti-static  
tubes. 50 pieces per tube

## PHYSICAL DIMENSIONS

All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



## RHOMBUS INDUSTRIES INC.

### FSCM NO. 16714

RHOMBUS P/N: T-11101

CUST P/N:

NAME:

DATE: 10/12/96

SHEET: 1 OF 1