10 BASE-T QUAD PORT TRANSFORMER

- Fast Rise Times
- IEEE 802.3 Compatible
- Meets ECMA Requirements
- Operating temperature Range -45°C to +85°C

Electrical Specifications at 25° C

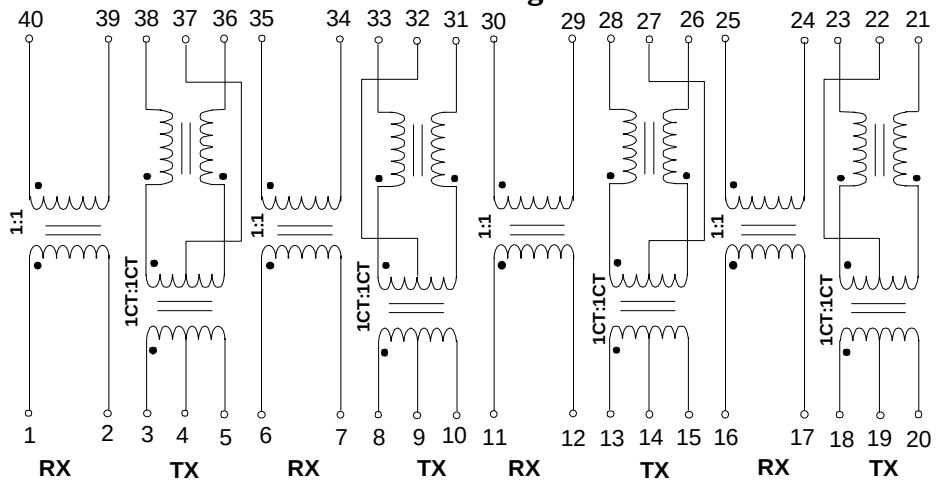
Part Number	Turns Ratio (+2%)	Sine Wave Inductance (µH MIN) [1]	Interwinding Capacitance (pF MAX) [1]	Leakage Inductance (µH MAX) [1]	Return Loss 5 to 10mHz (dB MIN)		Common Mode Rejection TX (dB MIN)					Hipot (VRMS MIN)
							5 mHz	10 mHZ	50 mHZ	100 mHz	200 mHz	
	Transmit				100 Ω	98±13Ω						
T-17400	1CT : 1CT	150	10	0.30	-20	-15	-60	-50	-35	-25	-20	1500

1. Measured at 20 mVrms, 100 kHz.

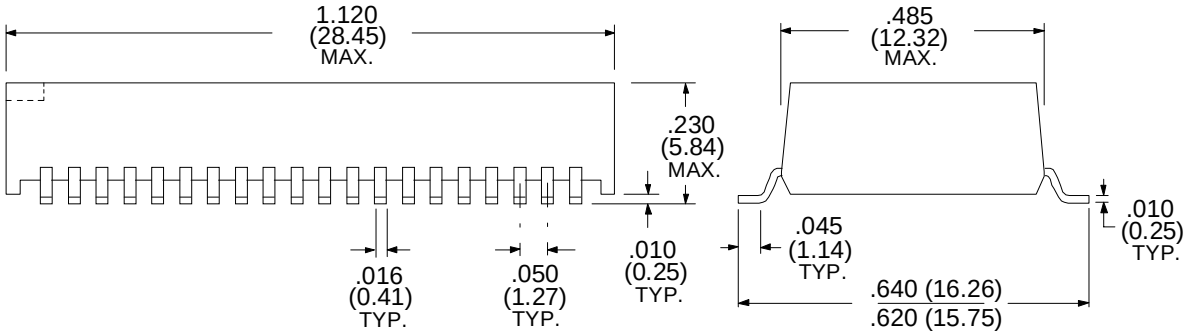
Insertion Loss : Typically -0.5 dB maximum from 1 to 10 mHz.

Crosstalk : From 1 to 10 mHz is -35 dB minimum.

Schematic Diagram



Dimensions in inches (mm)



RHOMBUS P/N: **T-17400**	
CUST P/N:	NAME:
DATE: **02/16/00**	SHEET: 1 OF 1

Rhombus Industries Inc.
Transformers & Magnetic Products

15801 Chemical Lane, Huntington Beach, CA 92649
Phone: (714) 898-0960
FAX: (714) 896-0971

www.rhombus-ind.com