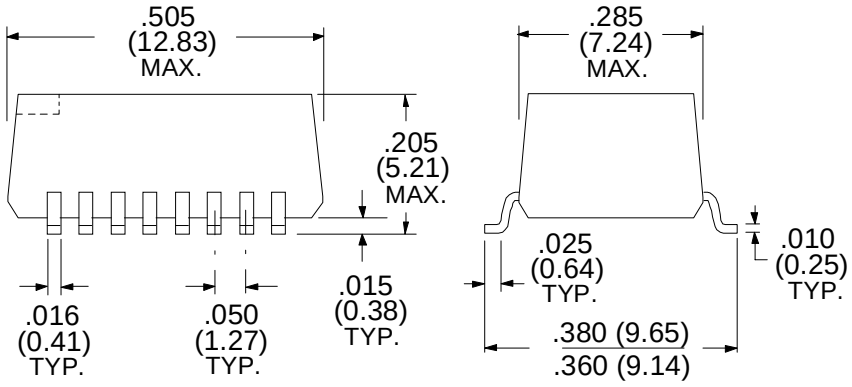
10/100 BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS

Electrical Specifications at 25°C

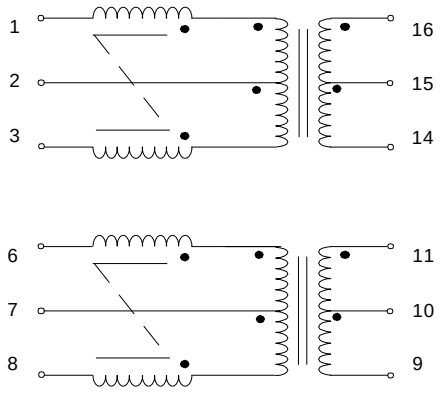
Part Number	CMR (dB typ.) (0.1-100MHz)	Crosstalk (dB min) (0.1-100MHz)	Insertion Loss (dB min) (0.1-100MHz)	Return Loss (dB min) 0.5-30MHz	40MHz	50MHz	60-80MHz	Cw/w max. (pF)	L_L max. (µH)	DCR max. (Ω)	Turns Ratio
T-18204	-40	-40	-1.1	-18	-15.5	-13.6	-12	15	0.4	1.5	1CT:1CT \ 1CT:1CT

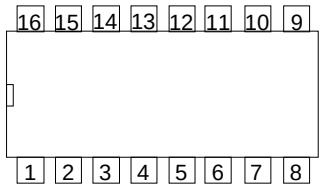
- **Operating Temperature Range: -40°C to +85°C**
- Designed for reflow soldering at temperatures up to 235°C
- Tape and Reel available.
- Meets all IEE 802.3 and ANSI X3.263 standards including 350 µH OCL with 8 mA bias
- Isolation 1500 V_{RMS}.

Dimensions in inches (mm)



SCHEMATIC





Pin Out

RHOMBUS P/N: **T-18204**	
CUST P/N:	NAME:
DATE: **10/31/01**	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