

10BASE T ISOLATION TRANSFORMER

Turns Ratio $\pm 5\%$

1CT : 1CT (Pins 1-3:16-14)¹

1CT : 2.5CT (Pins 6-8:11-9)²

Fast Rise Times

Meets ECMA Requirements

IEEE 802.3 Compatible
(10BASE 2, 10BASE 5, & 10BASE T)

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

Parts shipped in anti-static tubes. 19 pieces per tube

Surface Mount Option
(add suffix "G" to part#)

T-14859G

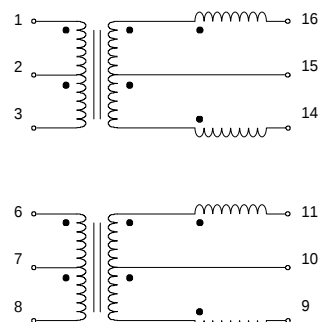
PARAMETER	MIN.	MAX.	UNITS
Open Circuit Inductance (1-3) @ 100 kHz-20mV	200		μH
Open Circuit Inductance (6-8) @ 100 kHz-20mV	200		μH
Leakage Inductance (1-3, Short 16-14) @ 100 kHz-20mV		0.5	μH
Leakage Inductance (6-8, Short 11-9) @ 100 kHz-20mV		0.5	μH
Interwinding Capacitance @ 100 kHz-20mV (1-3 to 14-16)		15	pF
Interwinding Capacitance @ 100 kHz-20mV (6-8 to 11-9)		15	pF
DC Resistance Primary		0.4	ohms
HI-POT	2000		V_{RMS}

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

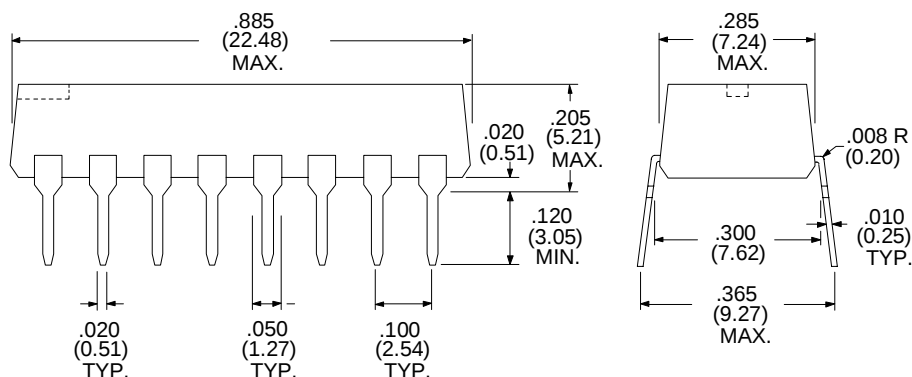
¹ Receive

² Transmit

SCHEMATIC DIAGRAM



Dimensions in inches (mm)



RHOMBUS P/N: **T-14859**

CUST P/N:

NAME:

DATE: 07/02/01

SHEET: 1 OF 1



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