

ISOLATION TRANSFORMER FOR 10BASE-T

P/N: TS649 DATA SHEET

A. GENERAL SPECIFICATIONS:

1. FOR ADAPTER CARDS, MAUS, HUBS, AND MOTHERBOARD APPLICATIONS.
2. DESIGNED TO MEET OR EXCEED IEEE 802.3, 10BASE-T SPECIFICATIONS.
3. AVAILABLE WITH COMMON MODE CHOKES FOR EMI SUPPRESSION.
4. SURFACE MOUNT, IC GRADE, TRANSFER-MOLEDE PACKAGE WITHSTANDS 235°C PEAK TEMPERATURE PROFILE.
5. 16PIN, SMD PACKAGE.

B. ELECTRICAL SPECIFICATIONS@ 25°C

Part Number	Turns Ratio(+/-5%)		Primary Pins	Sine Wave Inductance OCL(uH MIN)	Interwinding Capacitance C/ww(pF MAX)	Leakage Inductance LL (uH MAX)	DCR (Ω MAX)	Hi-Pot (Vrms)
	Transmit	Receive						
TS649	1:1.414(4x)	---	1-2/3-4 5-6/7-8	140	12	0.2	0.4	2000

C. SCHEMATIC & DIMENSIONS & MARKING:(Unit mm)

