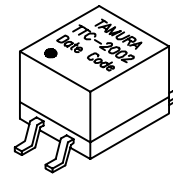


REV. Status

PRELIMINARY
07/10/00 LLPRELIMINARY 1
ADDED ISO DWG.
07/12/00 LLPRELIMINARY 2
CHANGED
PACKAGE STYLE
08/02/00 LL

HOME PNA ISOLATION TRANSFORMER

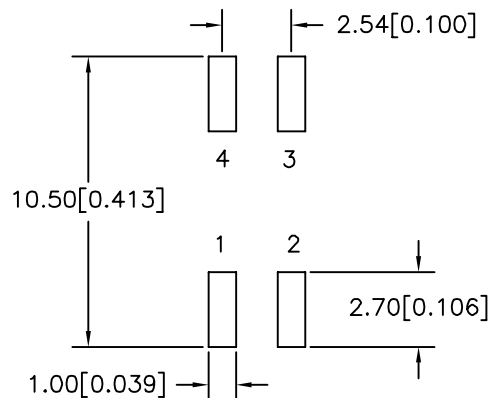
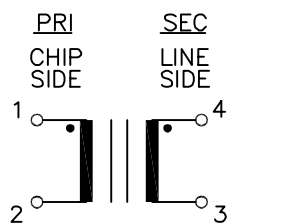
- Designed for 10Mbps Home Phone Line Networks
- Surface Mount Device withstands IR reflow profile process
- Complies with UL 1950
- Meets FCC Part 68



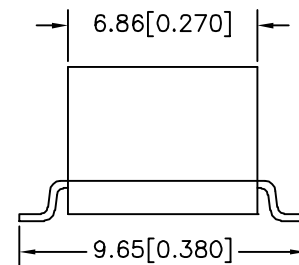
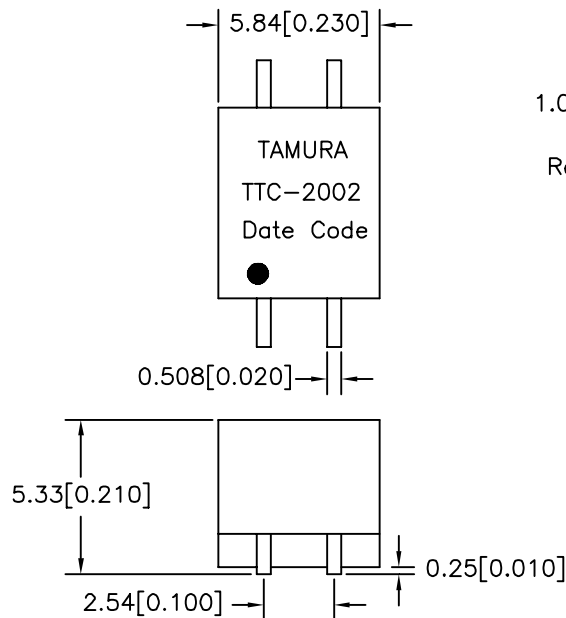
MODEL NUMBER

TTC-2002

Electrical Specification	PNA	Tolerance	Condition
Turns Ratio	1:1	$\pm 2\%$	(1'-2) : (4'-3)
OCL (μH)	250	Min	100KHz, 0.1Vrms, (1-2)
Leakage Inductance (μH)	2	Max	100KHz, 0.1Vrms, (1-2), (4-3 SC)
Interwinding Capacitance (pF)	12	Max	From primary to secondary
DC Resistance (Ω)	0.5	Max	(1-2), (4-3)
Dielectric Rating Voltage (Hipot) (Vrms)	1500	Min	For one minute



Recommended Solder Pad Layout

NOTE: Unless otherwise specified, all dimensions are mm[in] with tolerance of $\pm 0.25[0.010]$

PREPARED BY:

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ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12524
ACAD\TTC\A1125241.DWGREV
PR2HOME PNA
ISOLATION TRANSFORMERTAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TTC-2002

MODEL SPECIFICATION

DIM: mm(In) SCL: 4/1 SH: 1 OF 1

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