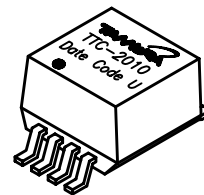




Home PNA Isolation Transformer

8 pin SOIC

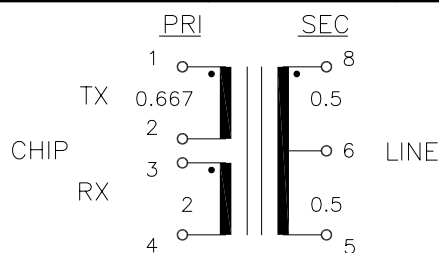
- Designed for Residential Gate Way (RGW) Home Phone Line Networks
- Surface Mount Device withstands IR reflow profile process
- Complies with UL1950 3rd Edition, UL60950, Supplementary Insulation
- Operating Temperature: 0°C to 70°C, 85% RH MAX
- Storage Temperature: -40°C to +85°C, 85% RH MAX
- Molded package, classified as not-moisture sensitive, with unlimited folder life. No dry pack is required.



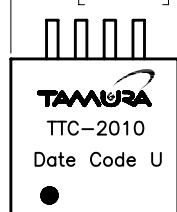
MODEL NUMBER

TTC-2010

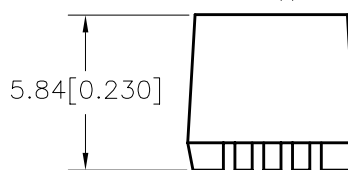
Parameter	Electrical Specification	Tolerance	Condition	
Turns Ratio	0.667:2:1	±5%	(1-2) : (3-4) : (8-5)	
OCL (uH)	30 270 67.5	Min	10KHz, 0.1Vrms	(1-2) (3-4) (8-5)
Leakage Inductance (uH)	1 6 3	Max	100KHz, 0.1Vrms	(1-2) (3-4) (8-5) Short others
Interwinding Capacitance (pF)	10 25 15	Max	100KHz, 0.1Vrms	From 1-2 to 8-5 From 3-4 to 8-5 From 1-2 to 3-4
DC Resistance (Ω)	0.23 0.80 0.46	Max	(1-2) (3-4) (8-5)	
Dielectric Rating Voltage (Hipot) (Vrms)	1500	Min	For one minute	



7.37[0.290]

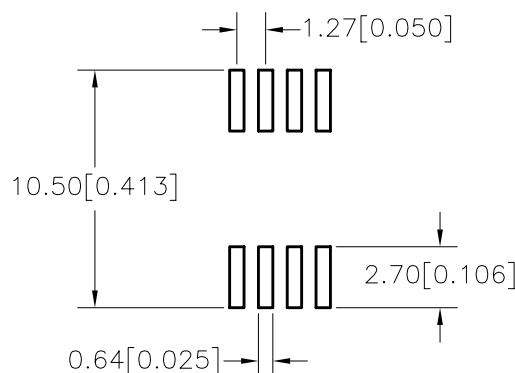


0.508[0.020]

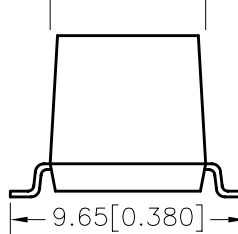


5.84[0.230]

1.27[0.050] 0.25[0.010]



6.86[0.270]

coplanarity:
0.102[0.004]MAX

PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

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

DWG CONTROL NO. REV
P-A1-12718 -
ACAD\TTC\A1127181.DWG

HOME PNA
ISOLATION TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TTC-2010

MODEL SPECIFICATION

DIM: mm(in) SCL: 3/1 SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.