

REV. Status
REVISION -
11/17/94 TS
REVISION A
UPDATED
FORMAT
06/08/98 TS

TELECOMMUNICATION TRANSFORMER, 4mm PROFILE, PCMCIA APPLICATIONS

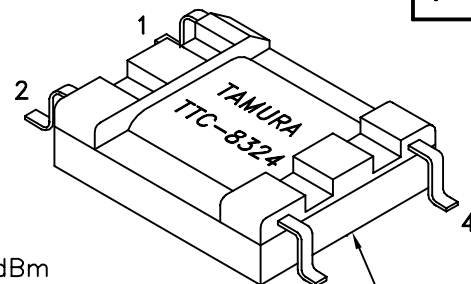
A. Electrical specifications (@ 25°C)

1. Pri source impedance; 600Ω
2. Sec load impedance; 301Ω
3. MAX output power; 3.6dBm (2.3mW)
4. Frequency response; ±0.15dB 300Hz to 3.5KHz
5. DC unbalance; 0mA
6. Return loss; 25dB MIN @ 300Hz to 3.5KHz
7. Insertion loss; 3.3dB ±0.25dB @ 1KHz
8. Longitudinal balance; 60dB MIN @ 200Hz to 4KHz
9. DC resistance;
(1-2) = 157Ω ±15%
(3-4) = 146Ω ±15%
10. Turns ratio;
(1-2) : (3-4) = 1 : 1.00 ±2%
11. Dielectric strength;
1000Vrms 1 minute @ Pri to Sec, Pri to Core
500Vrms 1 minute @ Sec to Core
12. Total harmonic distortion; -82dB TYP @ 600Hz, -10dBm

UL **•** **UL**
FILE #E138028

MODEL NUMBER

TTC-8324

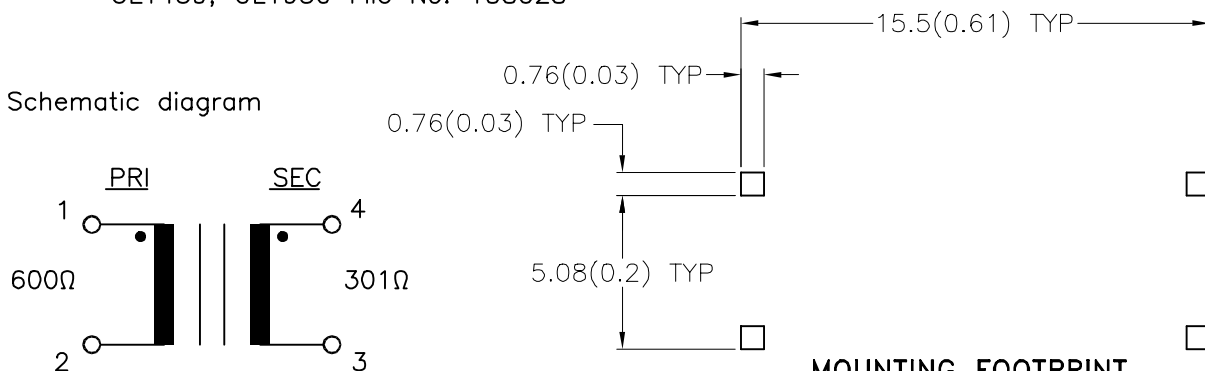


B. Marking; TTC-8324, TAMURA, date code and country of origin

Date code and country of origin farside

C. Safety; CSA-C22.2 No. 950-M89 File No. 138028
UL1459, UL1950 File No. 138028

D. Schematic diagram

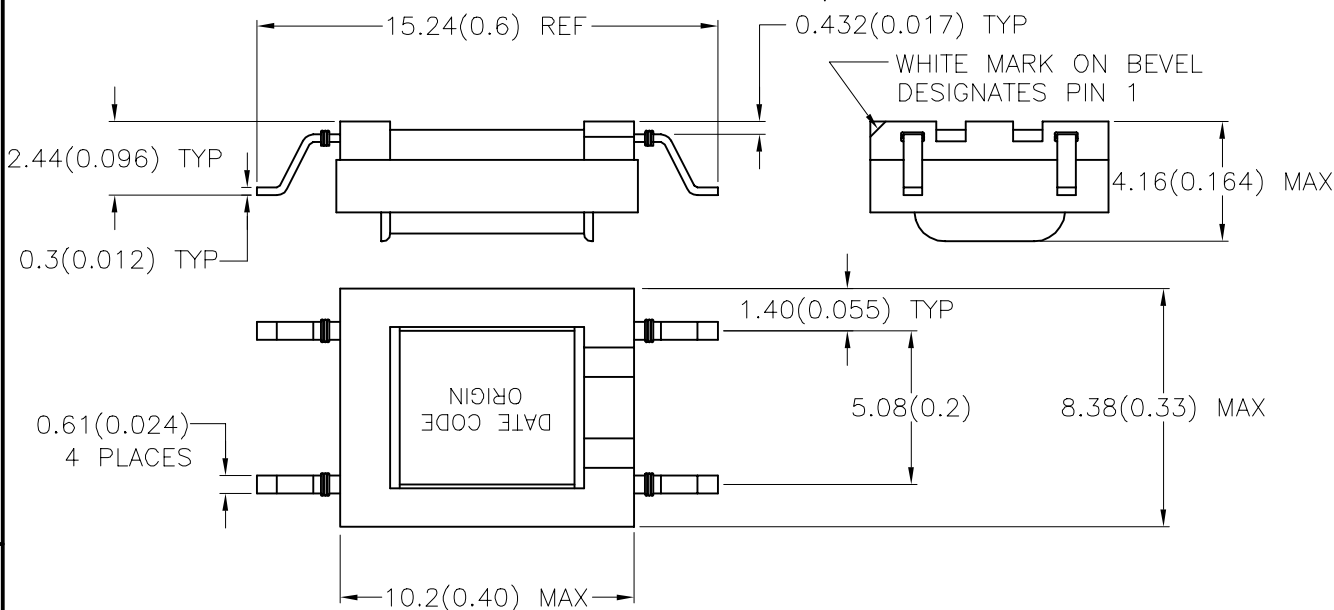


MOUNTING FOOTPRINT

(CIRCUIT BOARD CUTOUT REQUIRED)

E. Mechanical specifications

All dimensions shown are nominal unless otherwise specified



PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO.
P-A1-11120
ACAD\TTC\A1111201.DWG

REV
A

TELECOMMUNICATION SURFACE MOUNT
DRY COUPLING TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

TTC-8324

MODEL SPECIFICATION

DIM: mm(In) SCL: 4/1 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.