

REV. Status

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

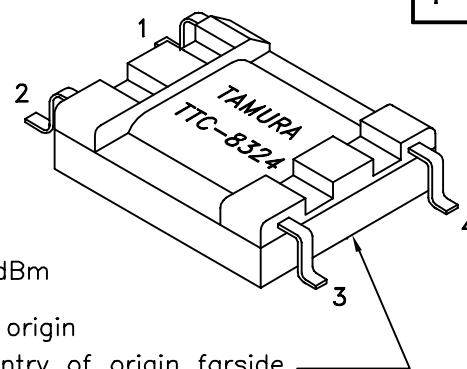
TELECOMMUNICATION TRANSFORMER, 4mm PROFILE, PCMCIA APPLICATIONS

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



MODEL NUMBER  
**TTC-8324**

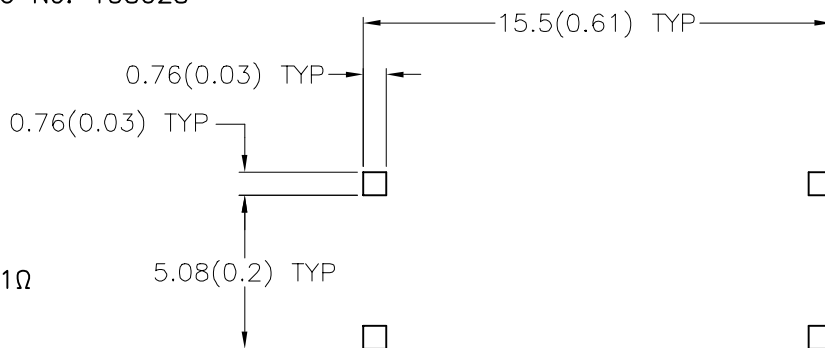
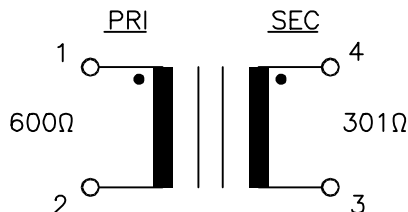


B. Marking; TTC-8324, TAMURA, date code and country of origin

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

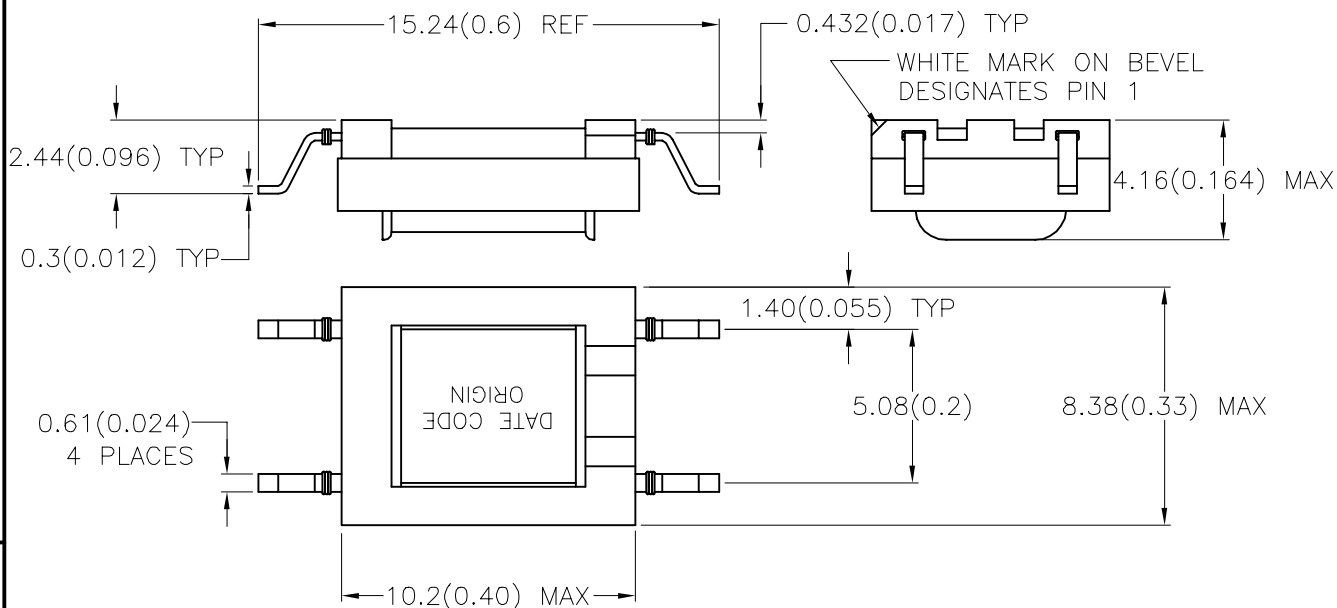


**MOUNTING FOOTPRINT**

(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\A111201.DWG

REV  
A

TELECOMMUNICATION SURFACE MOUNT  
DRY COUPLING TRANSFORMER

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

**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.