

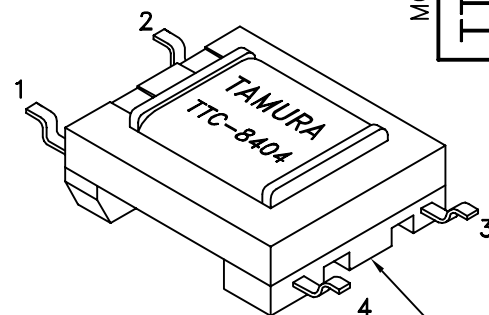
TELECOMMUNICATION DRY COUPLING SURFACE MOUNT TRANSFORMER



MODEL NUMBER

TTC-8404

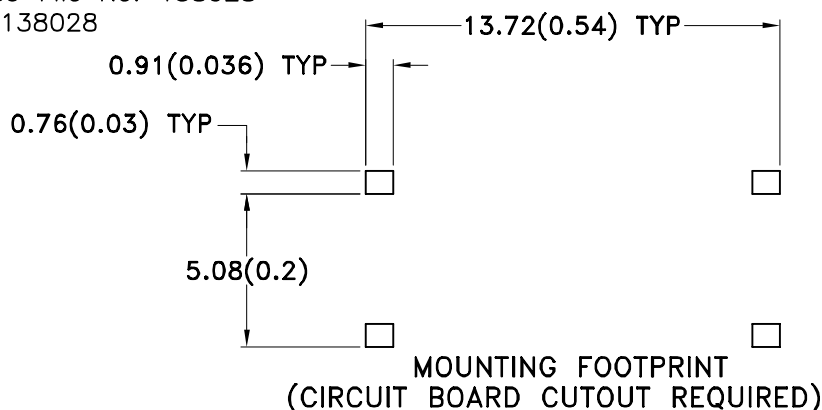
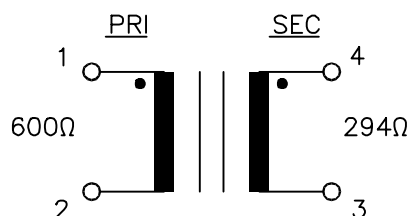
- A. Electrical specifications (@ 25 ° C)
1. Pri source impedance; 600 Ω
 2. Sec load impedance; 294 Ω
 3. MAX output power; 3.6 dBm (2.3mW)
 4. Frequency response; ± 0.15 dB, 300 Hz to 3.5 KHz
 5. DC unbalance; 0 mA MAX
 6. Return loss; 25 dB MIN @ 300 Hz to 3.5 KHz
 7. Insertion loss; 3.3 dB ± 0.25 dB @ 1 KHz
 8. Longitudinal balance;
60 dB MIN @ 200 Hz to 4 KHz
 9. DC resistance;
(1-2) = 157 Ω $\pm 15\%$
(3-4) = 146 Ω $\pm 15\%$
 10. Turns ratio;
(1-2) : (3-4) = 1 : 1.00 $\pm 2\%$
 11. Dielectric strength;
1000 Vrms 1 minute @ Pri to Sec, Pri to Core
500 Vrms 1 minute @ Sec to Core
 12. Total harmonic distortion;
-82 dB TYP @ 600 Hz, -10 dBm

Date code and
country of origin
farside

B. Marking; TTC-8404, TAMURA, date code and country of origin

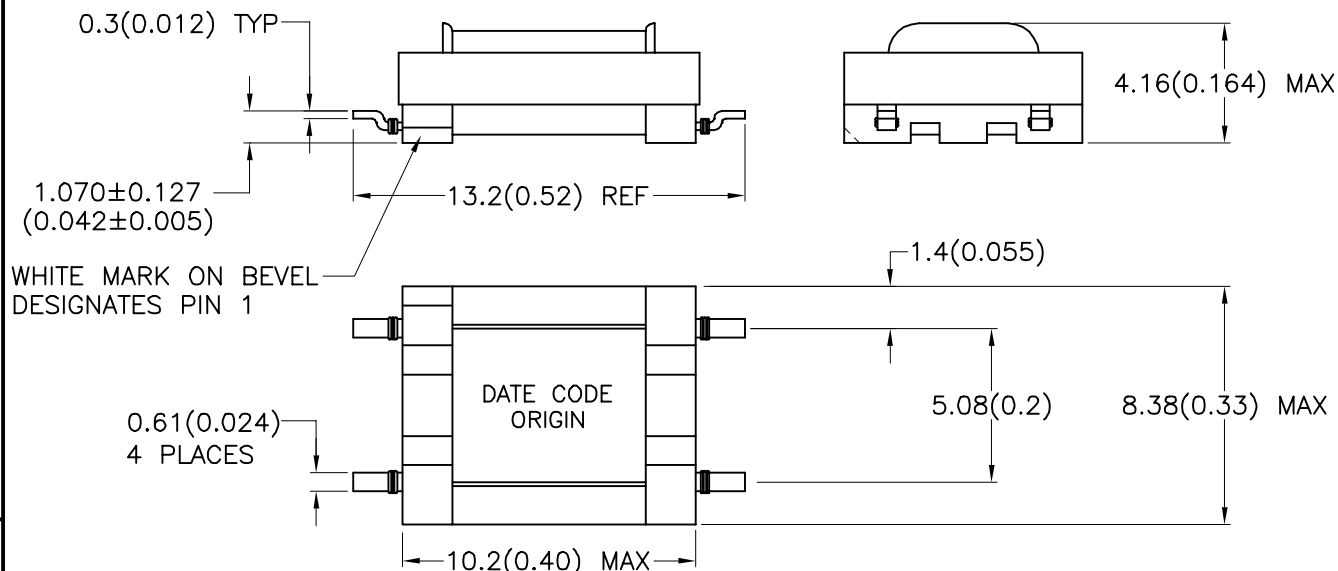
C. Safety; CSA-C22.2 No. 950-M89 File No. 138028
UL1459, UL1950 File No. 138028

D. Schematic diagram



E. Mechanical Specifications

All dimensions shown are nominal unless otherwise specified



PREPARED BY:

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K. BrennanQUALITY CONTROL:
T. ShiozawaAPPROVED:
D. Kelley

D. Kelley

DRAWING CONTROL NO.
P-A1-11203
ACAD\TTC\A1112031.DWGREV
—MODEL DESCRIPTION
TELECOMMUNICATION SURFACE MOUNT
DRY COUPLING TRANSFORMERTAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

MODEL SPECIFICATION

TTC-8404

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

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