

TELECOMMUNICATION DRY COUPLING SURFACE MOUNT TRANSFORMER

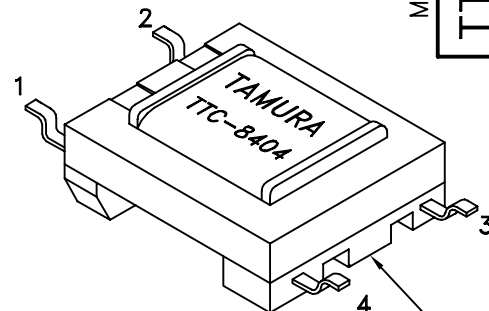


MODEL NUMBER

TTC-8404

A. Electrical specifications (@ 25 ° C)

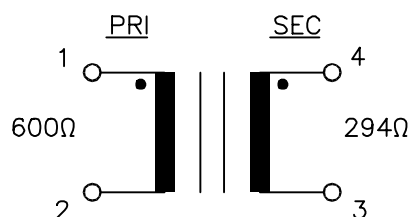
1. Pri source impedance; 600 Ω
2. Sec load impedance; 294 Ω
3. MAX output power; 3.6 dBm (2.3mW)
4. Frequency response; ± 0.15 dB, 300 Hz to 3.5 KHz
5. DC unbalance; 0 mA MAX
6. Return loss; 25 dB MIN @ 300 Hz to 3.5 KHz
7. Insertion loss; 3.3 dB ± 0.25 dB @ 1 KHz
8. Longitudinal balance;
60 dB MIN @ 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



0.91(0.036) TYP

0.76(0.03) TYP

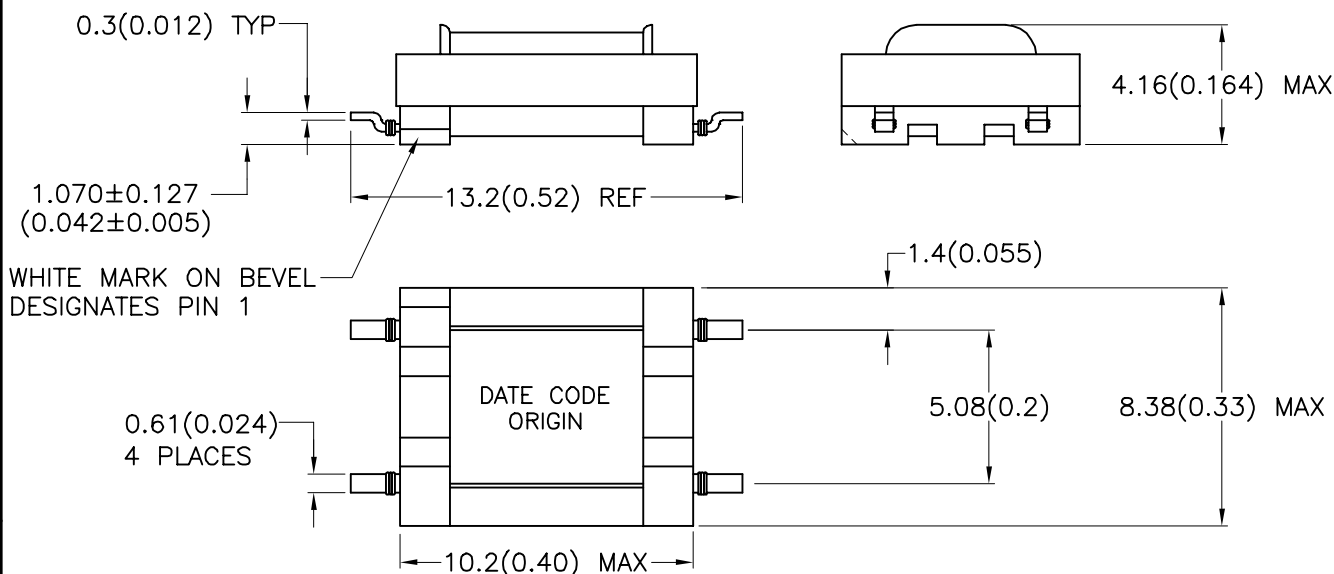
5.08(0.2)

13.72(0.54) TYP

MOUNTING FOOTPRINT
(CIRCUIT BOARD CUTOUT REQUIRED)

E. Mechanical Specifications

All dimensions shown are nominal unless otherwise specified



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D. Kelley

DRAWING CONTROL NO.
P-A1-11203
ACAD\TTC\A1112031.DWGREV
—MODEL DESCRIPTION
TELECOMMUNICATION SURFACE MOUNT
DRY COUPLING TRANSFORMER

MODEL SPECIFICATION

TTC-8404

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