

SURFACE MOUNT HYBRID TRANSFORMER

A. Electrical specifications (@ 25°C)

1. Pri source impedance; 600Ω
2. Sec load impedance; 600Ω
3. MAX output power; -45~+7dBm
4. Frequency response; ±0.5, 300Hz to 3.5KHz
5. DC unbalance; 0mA
6. Return loss; 26dB MIN @ 1KHz
7. Insertion loss; 1.5dB MAX @ 1KHz, 0dBm
8. Longitudinal balance; 60dB MIN @ 200Hz to 1KHz
9. DC resistance;
 $(1-3) = 46.0\Omega \pm 20\%$
 $(4-6) = 63.0\Omega \pm 20\%$
10. Turns ratio;
 $(1-3) : (4-6) = 1 : 1.06 \pm 3\%$

11. Dielectric strength;

1500Vrms 1 minute @ Pri to Sec, Pri to Core
 500Vrms 1 minute @ Sec to Core

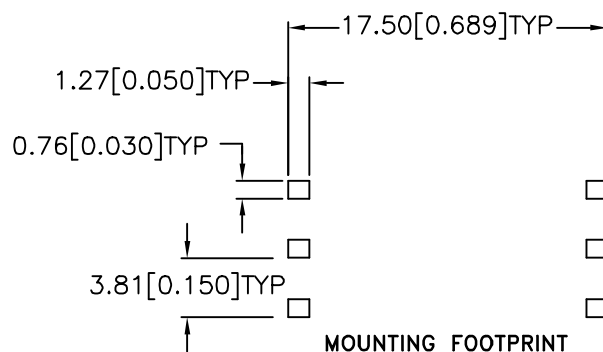
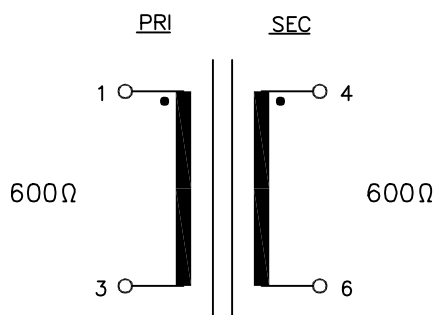
12. Total harmonic distortion; 0.5% MAX @ 300Hz, 0dBm

B. Marking; TS1104, TAMURA, date code and country of origin

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

UL1459, UL1950 File No. 138028

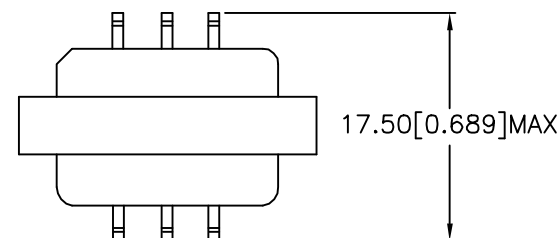
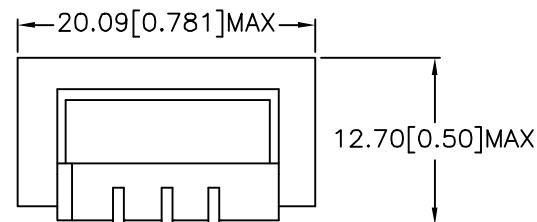
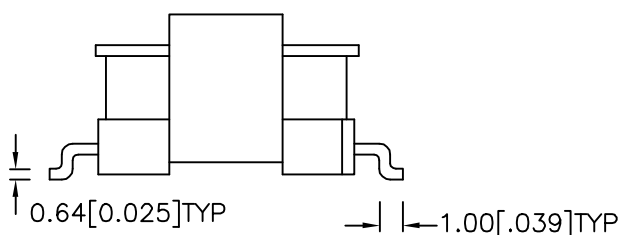
D. Schematic diagram



MOUNTING FOOTPRINT

E. Mechanical specifications

All dimensions shown are nominal unless otherwise specified



FILE #E138028

MODEL NUMBER

TS1104

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

 DWG CONTROL NO.
 P-A1-12827
 ACAD\A1128271.DWG

 REV
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 TELECOMMUNICATION SURFACE MOUNT
 DRY COUPLING TRANSFORMER

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TS1104

MODEL SPECIFICATION

DIM: mm(ln) | SCL: 2/1 | SH: 1 OF 1

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