

REV. Status

REVISION -
06/01/01 YS

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)= 46.0Ω ± 20%
(4-6)= 63.0Ω ± 20%
10. Turns ratio;
(1-3) : (4-6) = 1 : 1.06 ± 3%

11. Dielectric strength;

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

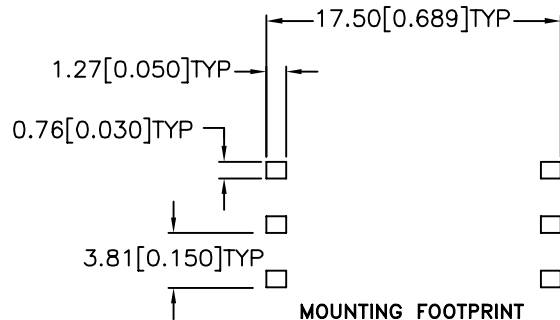
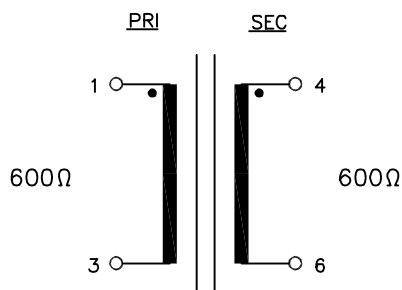
12. Total harmonic distortion; 0.5% MAX @ 300Hz, 0dBm

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

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

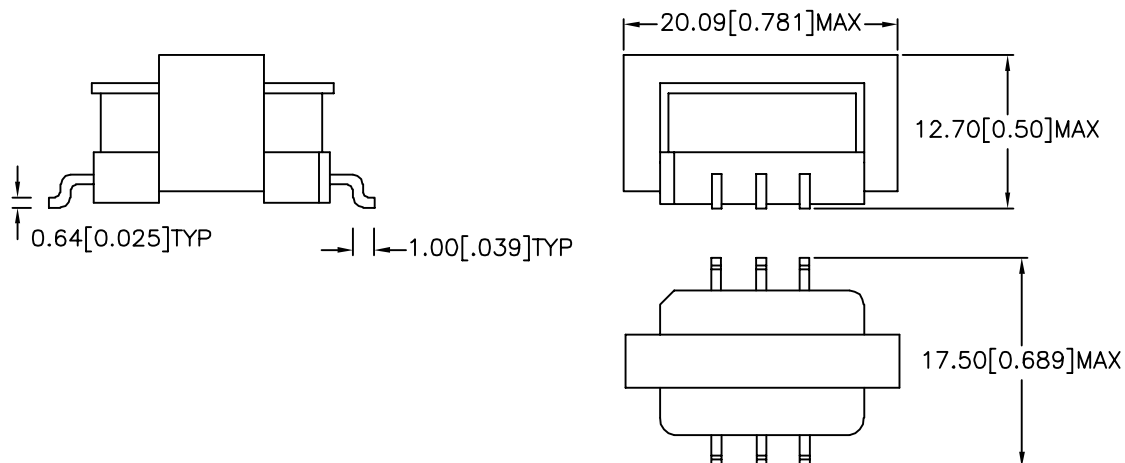
UL1459, UL1950 File No. 138028

D. Schematic diagram



E. Mechanical specifications

All dimensions shown are nominal unless otherwise specified



PREPARED BY:

D. Rund
ENGINEER:

Y. Sekiguchi

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

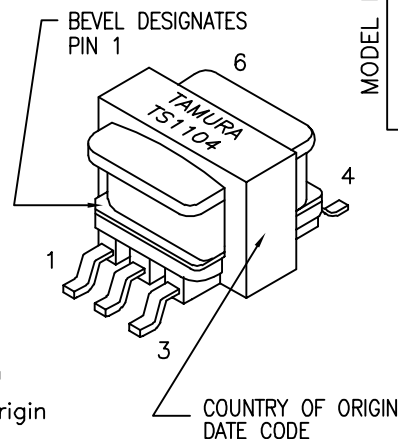
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P-A1-12827
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ATELECOMMUNICATION SURFACE MOUNT
DRY COUPLING TRANSFORMERCONTENTS OF THIS DRAWING ARE
SUBJECT TO CHANGE WITHOUT
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43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TS1104

MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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FILE #E138028


MODEL NUMBER

TS1104

Mouser Electronics

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