



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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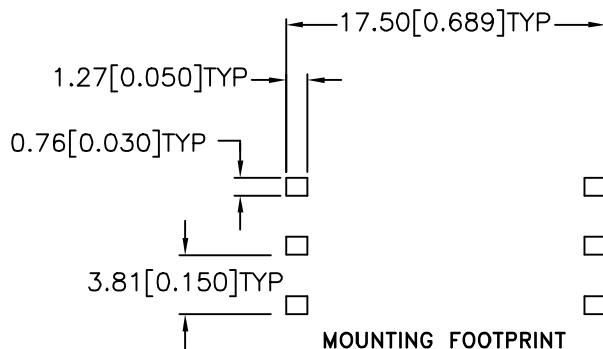
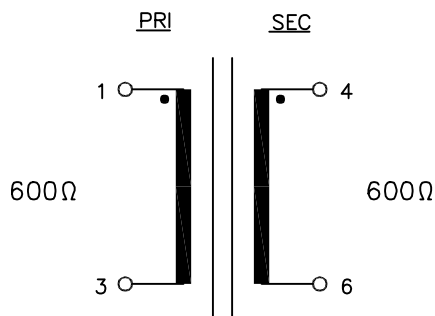
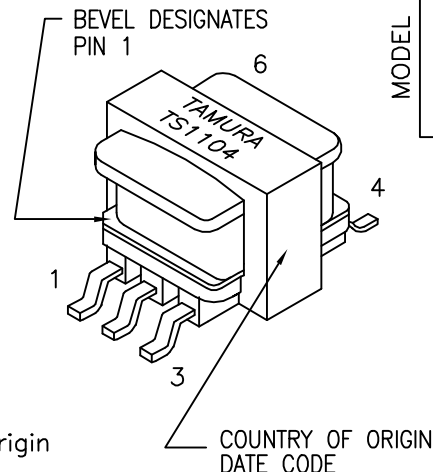
SURFACE MOUNT HYBRID TRANSFORMER



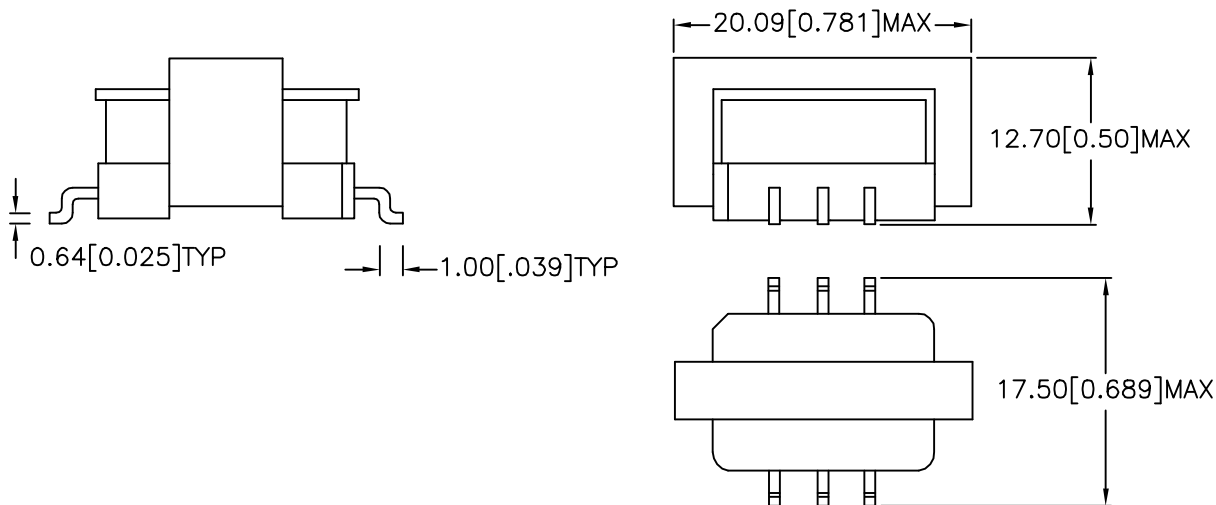
MODEL NUMBER

TS1104

- 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



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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

TAMURA CORPORATION OF AMERICA
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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