

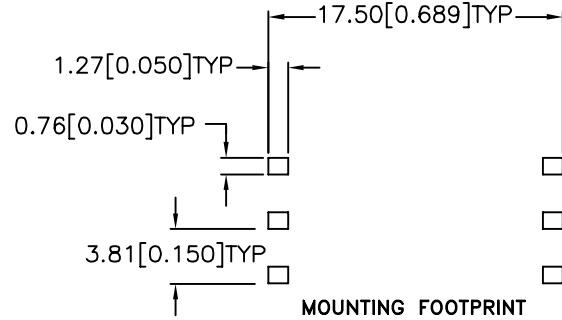
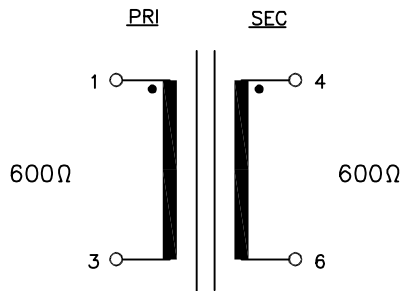
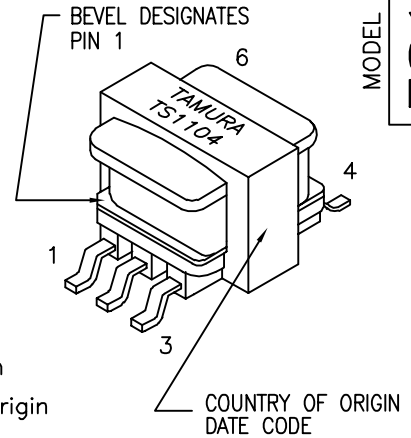
REV. Status  
 REVISION -  
 06/01/01 YS

**SURFACE MOUNT HYBRID TRANSFORMER**

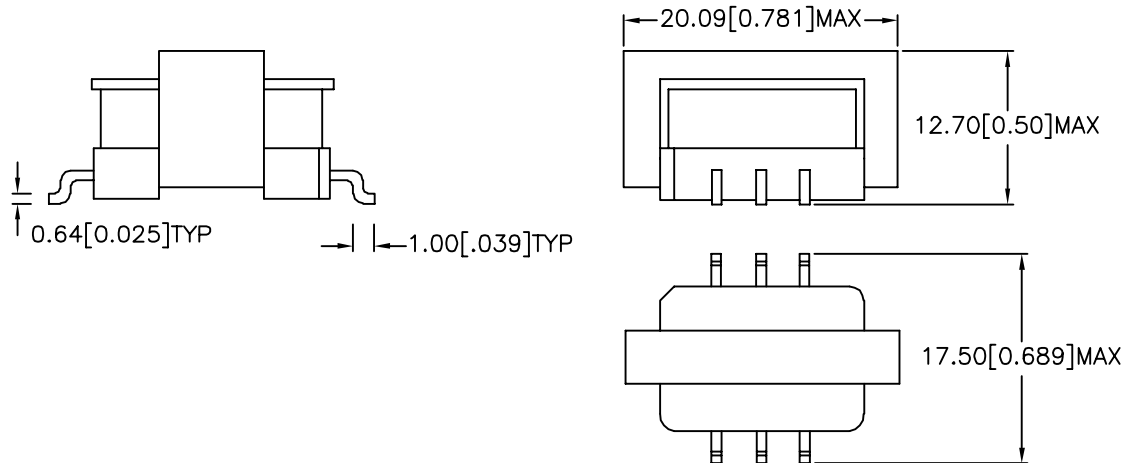
**TS1104**  
 FILE #E138028

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



PREPARED BY:

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QUALITY CONTROL:

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APPROVED:

J. Coleman

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

REV  
**A**

TELECOMMUNICATION SURFACE MOUNT  
 DRY COUPLING TRANSFORMER

CONTENTS OF THIS DRAWING ARE  
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 PRIOR NOTICE

**TAMURA CORPORATION OF AMERICA**  
 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
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**TS1104**

MODEL SPECIFICATION

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

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