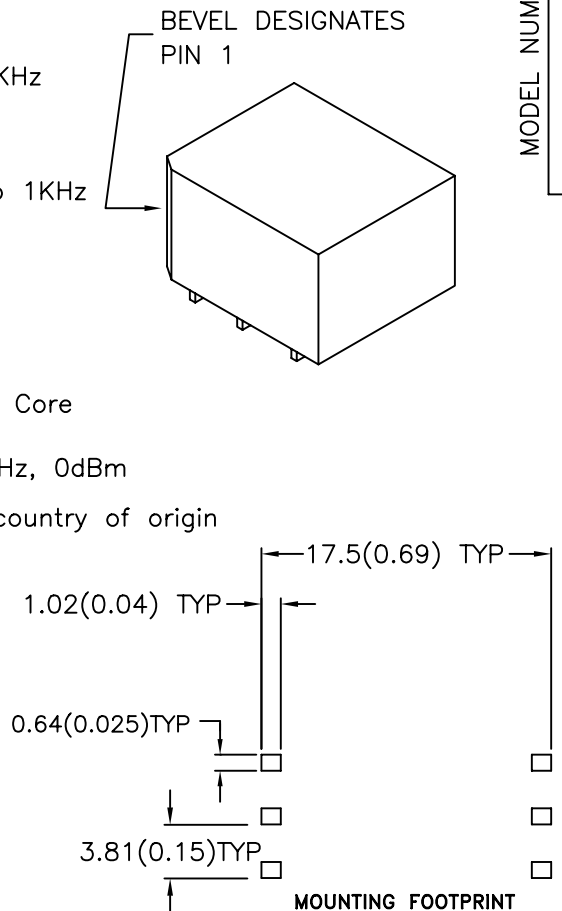
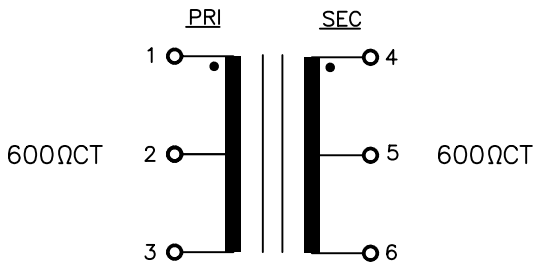


SURFACE MOUNT DRY COUPLING TRANSFORMER

- A. Electrical specifications (@ 25°C)
- 1. Pri source impedance; 600ΩCT
  - 2. Sec load impedance; 600ΩCT
  - 3. MAX output power; -45~+7dBm
  - 4. Frequency response; ±0.5dB, 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

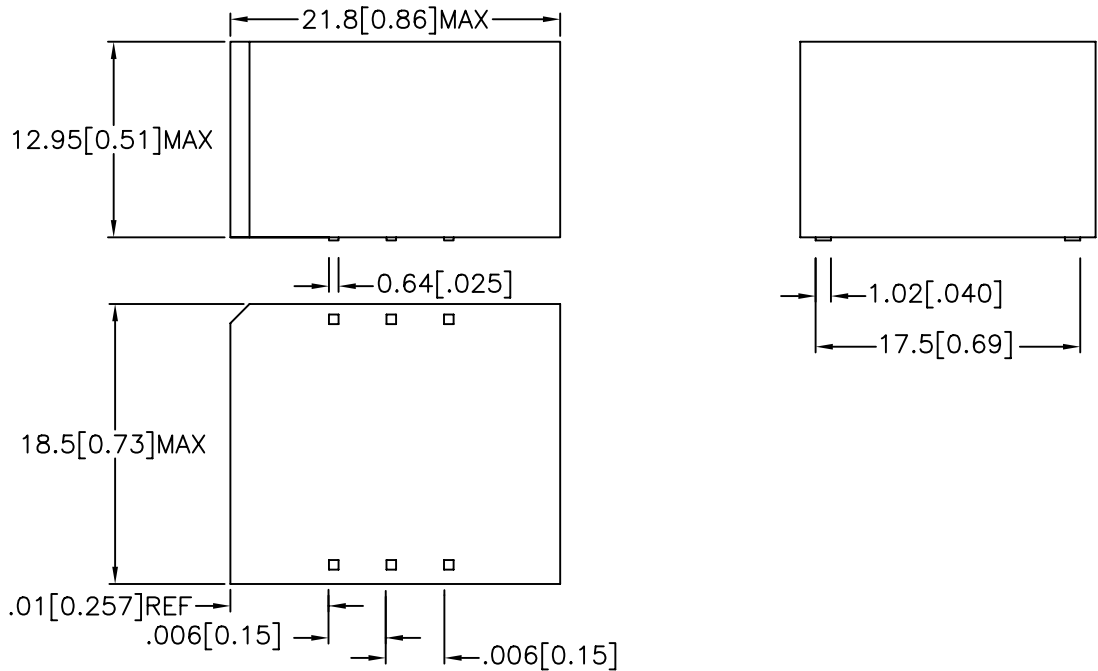
B. Marking; TS1106-M, TAMURA, date code and country of origin

C. Schematic diagram



E. Mechanical specifications

All dimensions shown are nominal unless otherwise specified



PREPARED BY:

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ENGINEER:

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QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.  
P-A1-12207  
ACAD\A1122071.DWG

REV  
—

TELECOMMUNICATION SURFACE MOUNT  
DRY COUPLING TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482

**TS1106-M**

MODEL SPECIFICATION

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

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MODEL NUMBER

**TS1106-M**