

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 10mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 100KΩCT WITH 1.0KΩCT LOAD ON SECONDARY.

MODEL NUMBER  
MET-02

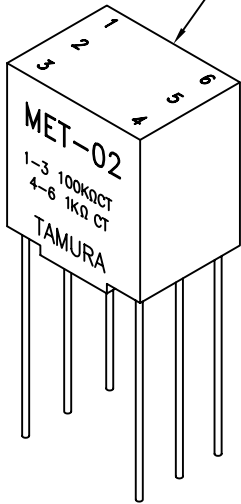
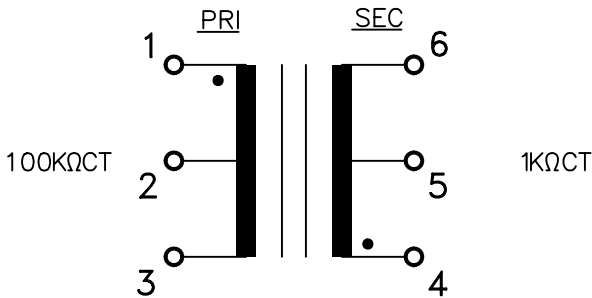
A. Electrical Specifications (@ 20° C)

- 1. Pri Source Impedance; 100KΩ CT
- 2. Sec Load Impedance; 1.0KΩ CT
- 3. Pri DC Current; 0mA MAX
- 4. Operating Level; 10mW MAX @ 300Hz
- 5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
- 6. Longitudinal Balance; 60dB MIN @ 1KHz
- 7. DC Resistance;  
(1-3) 4300 Ω ±30%  
(4-6) 120Ω ±20%
- 8. Turns Ratio; (1-3) : (4-6) = 10.0 : 1 ±2%
- 9. Dielectric Strength;  
500 Vrms 0.5 minute @ Pri - Sec

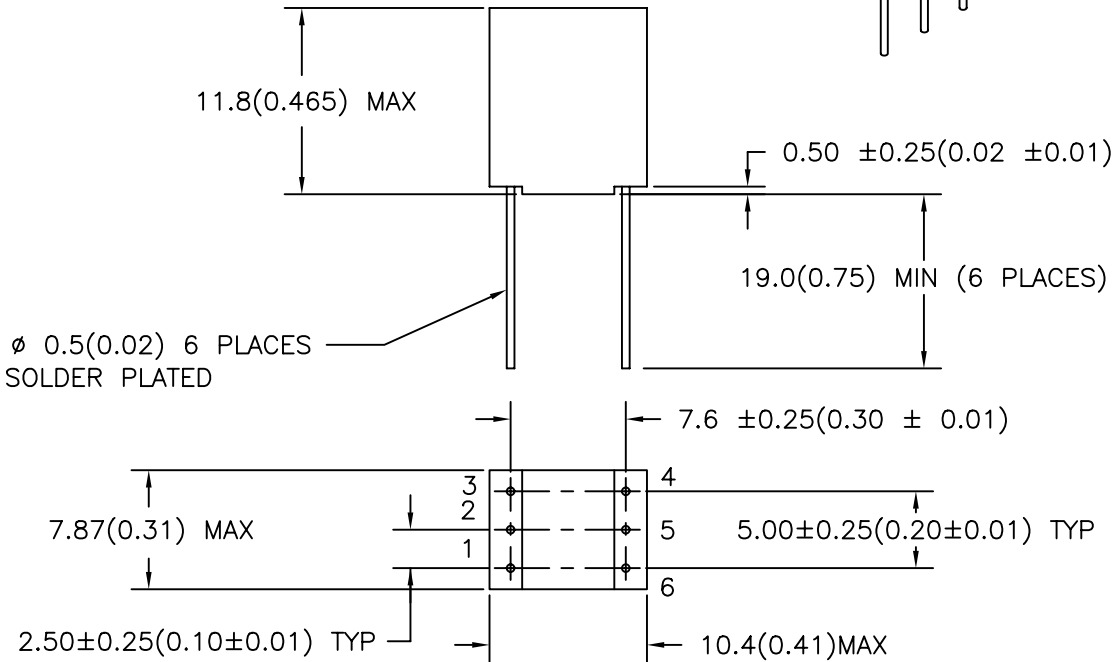
B. Marking; MET-02, TAMURA, Primary and Secondary Impedance, date code and country of origin

Date code, and country of origin

C. Schematic Diagram



D. Mechanical Specifications



TOLERANCES (mm)	
≤ 4	± 0.2
4 ≤ 20	± 0.3
20 ≤ 50	± 0.4

PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.  
P-A1-12000  
ACAD\MXFMR\A1120001.DWG

REV

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AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
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MET-02

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

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