

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 30mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 25KΩ WITH 1KΩ SPLIT LOAD ON SECONDARY.

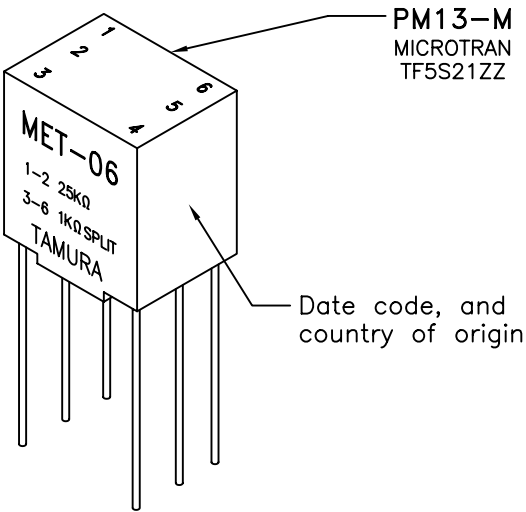
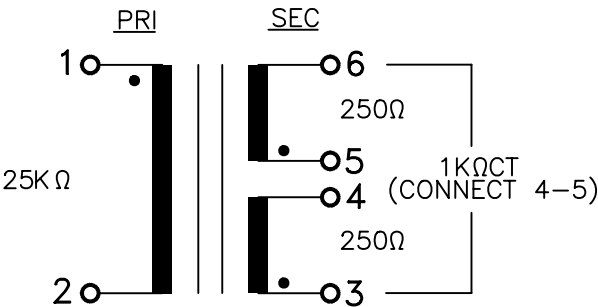
MODEL NUMBER
MET-06

A. Electrical Specifications (@ 20° C)

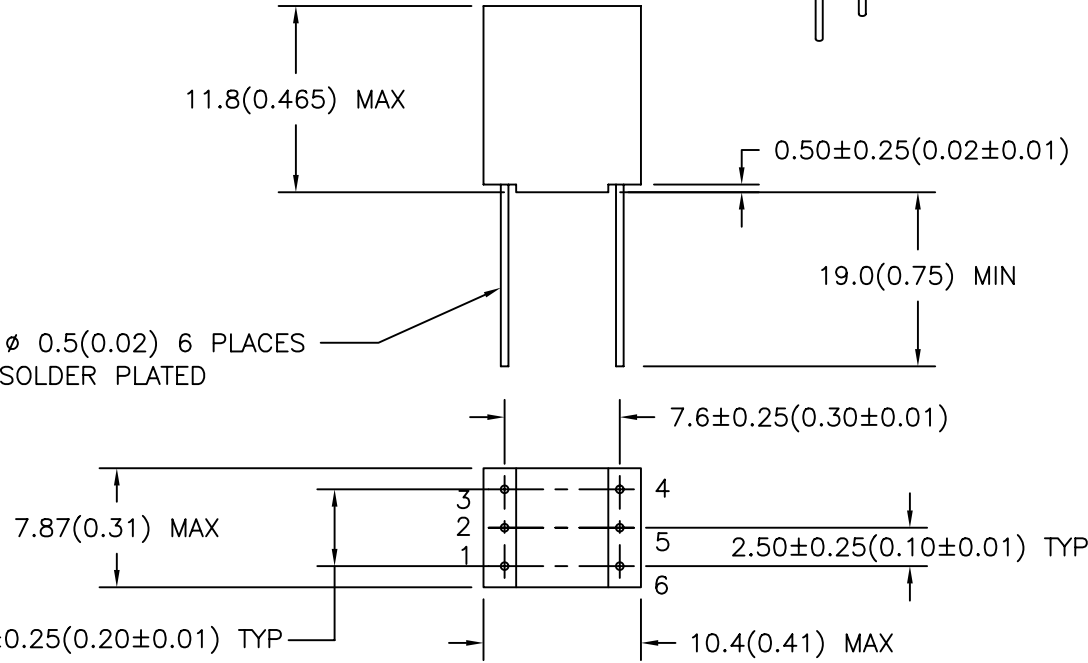
- 1. Pri Source Impedance; 25KΩ
- 2. Sec Load Impedance; 1KΩ SPLIT
- 3. Pri DC Current; 0.25mA MAX
- 4. Operating Level; 30mW MAX @ 300Hz
- 5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
- 6. Longitudinal Balance; 60dB MIN @ 1KHz
- 7. DC Resistance;
(1-2) 1600Ω ±20%
(3-6) 95Ω ±20%
- 8. Turns Ratio; (1-2) : (3-4) : (5-6) = 10.0 : 1.0 : 1.0 ±2%
- 9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-06, TAMURA, Primary and Secondary Impedance, PM13-M, MICROTRAN, TF5S21ZZ, 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:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO.
P-A1-12002
ACAD\MXFMR\A1120021.DWG

REV

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-06

MODEL SPECIFICATION

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

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