

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 30mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 25KΩCT WITH 600ΩCT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 25KΩ CT
2. Sec Load Impedance; 600Ω CT
3. Pri DC Current; 0.5mA 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;
(1-3) 1600Ω ±20%
(4-6) 95Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 6.45 : 1 ±2%
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

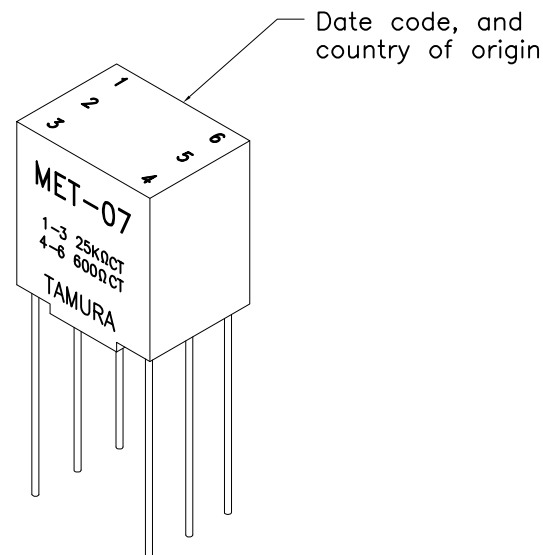
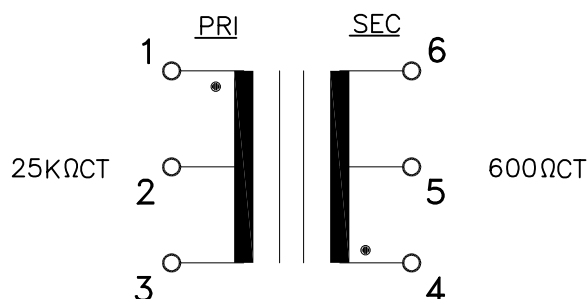


MODEL NUMBER

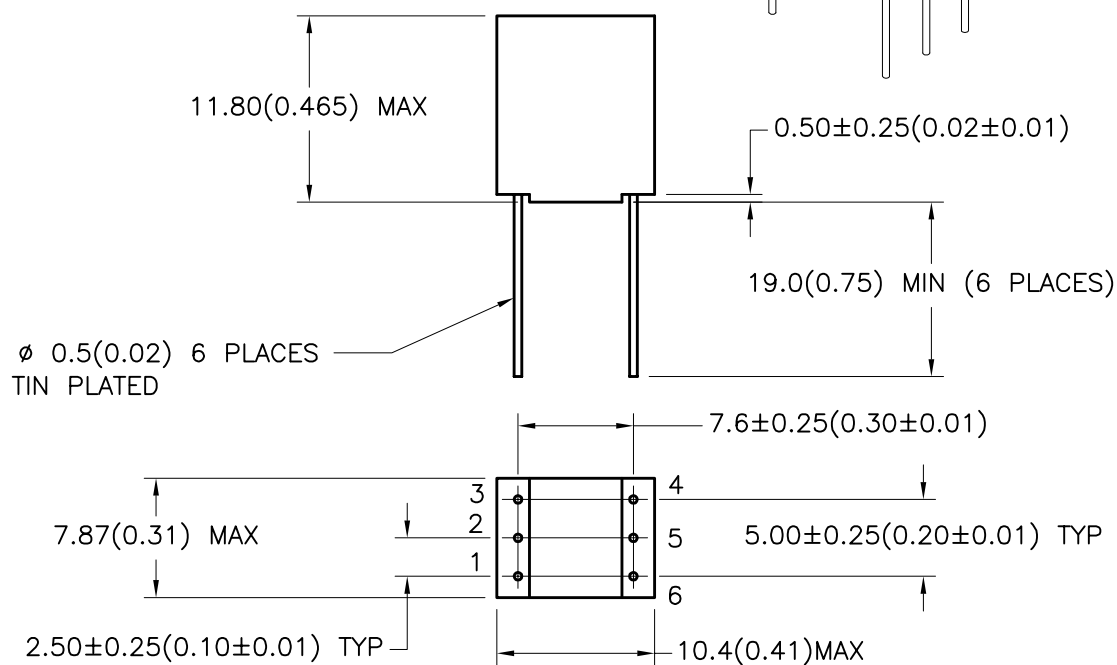
MET-07

B. Marking; MET-07, TAMURA, Primary and Secondary Impedance, 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:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.

P-A1-12003

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-07

MODEL SPECIFICATION

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

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