

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600ΩCT WITH 250ΩCT LOAD ON SECONDARY.

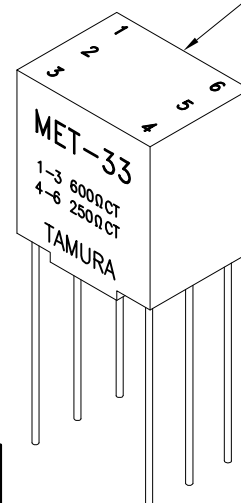
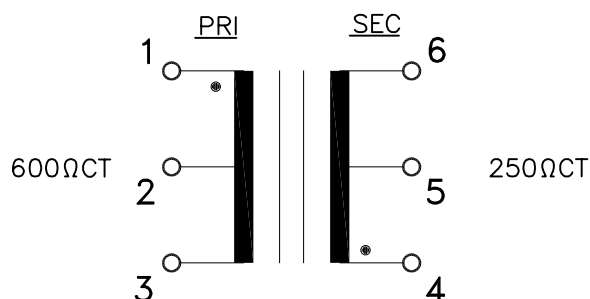
A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 600ΩCT
2. Sec Load Impedance; 250ΩCT
3. Pri DC Current; 3.0mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 70 Ω ±20%
(4-6) 35 Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 1.55 : 1 ±2%
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

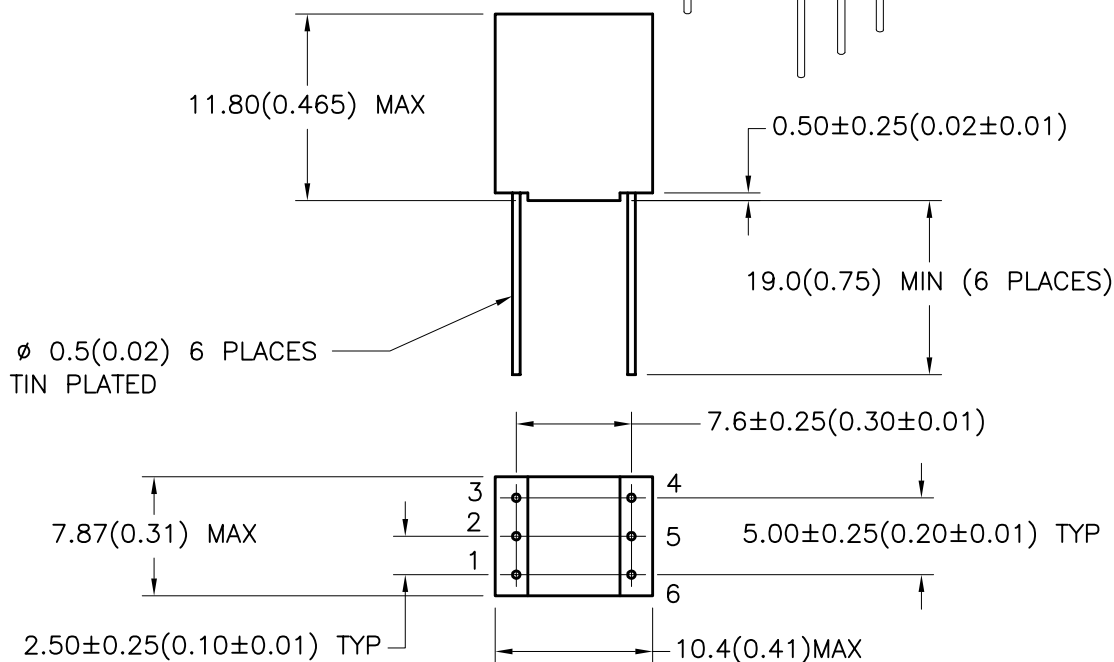


B. Marking; MET-33, TAMURA, Primary and Secondary Impedance, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



TOLERANCES (mm)

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

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QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.

P-A1-12011

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-33

MODEL SPECIFICATION

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

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