

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 500Ω CT WITH 600Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 500ΩCT
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 3 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz);
±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
(1-3) 65Ω ±20%
(4-5) 95Ω ±20%
8. Turns Ratio; (1-3) : (4-5) = 0.918 : 1 ±2%
9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri – Sec

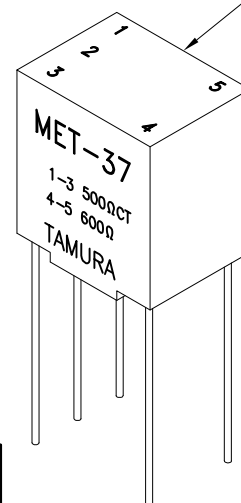
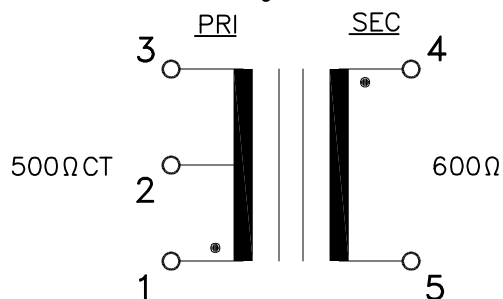


MODEL NUMBER

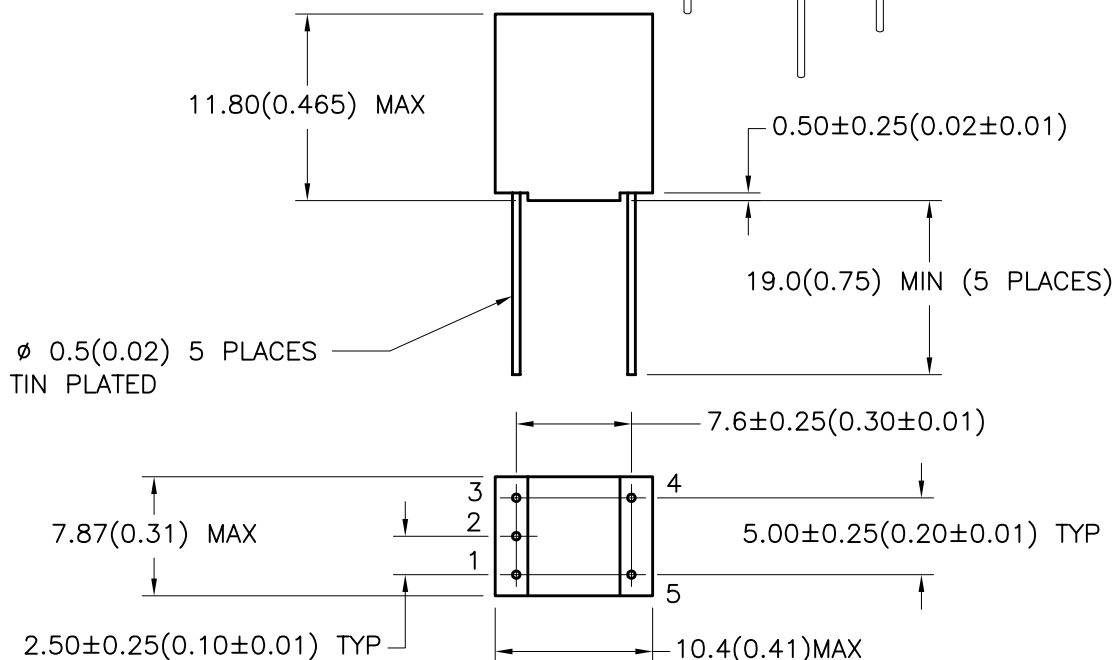
MET-37

B. Marking; MET-37, TAMURA, Primary and Secondary Impedance, date code and country of origin

C. Schematic Diagram


Date code, and
country of origin

D. Mechanical Specifications



TOLERANCES (mm)

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

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QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-11638
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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-37

MODEL SPECIFICATION

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

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