

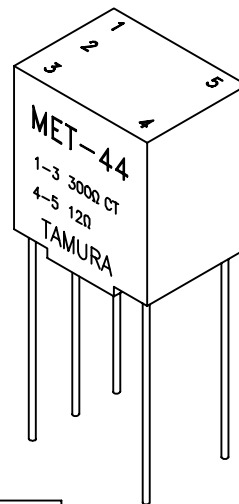
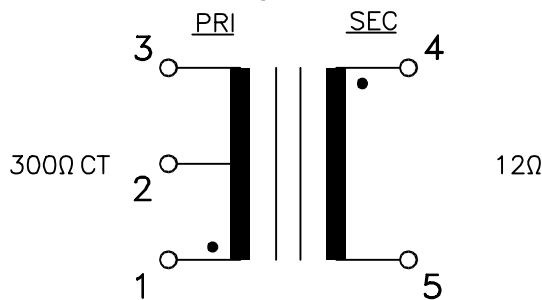
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 300Ω CT WITH 12Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 300ΩCT
2. Sec Load Impedance; 12Ω
3. Pri DC Current; 7 mA MAX
4. Operating Level; 40 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) 42Ω ±20%
(4-5) 3.4Ω ±20%
8. Turns Ratio; (1-3) : (4-5) = 5.07 : 1 ±2%
9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri - Sec

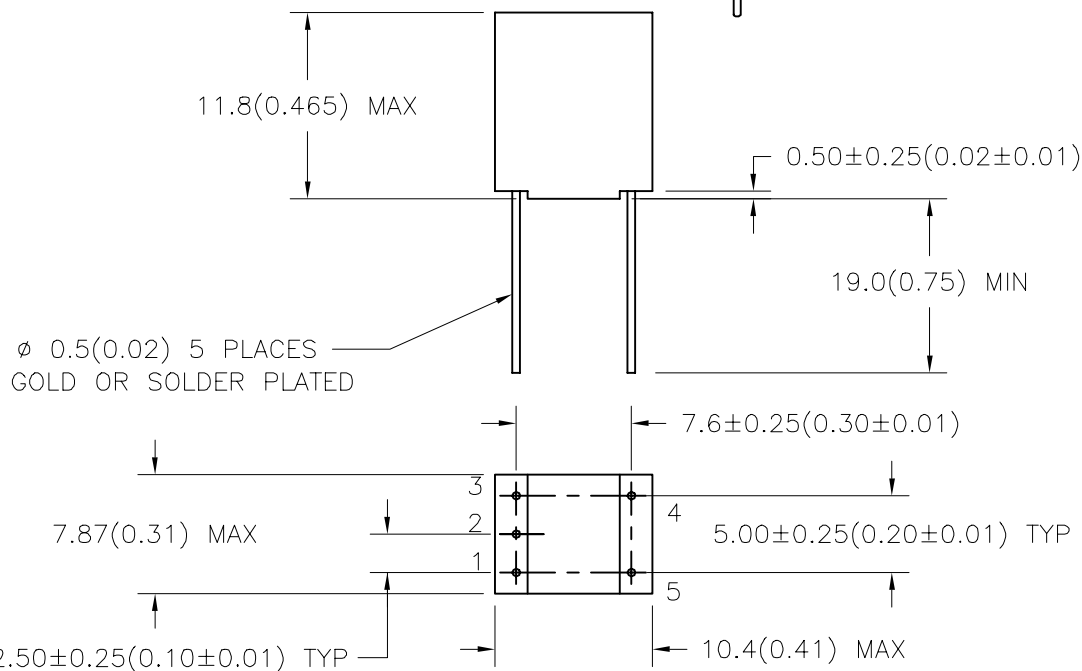
B. Marking; MET-44, TAMURA, Primary and Secondary Impedance, date code and country of origin

C. Schematic Diagram



Date code, and country of origin (farside)

D. Mechanical Specifications



TOLERANCES (mm)

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

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QUALITY CONTROL:

D. Kelley

APPROVED:

M. Ong

DWG CONTROL NO.

P-A1-11626

ACAD\MXFMR\A1116261.DWG

REV

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

TAMURA CORPORATION OF AMERICA

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(909) 699-1270 FAX 9096769482

MET-44

MODEL SPECIFICATION

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

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