

REVISION A
REVISED AND
REDRAWN ON
CAD/CAM
11/28/95 TS

REVISION B
ADDED RoHS
12/05/05 MP

REVISION C
NOTE 9: 1000Vrms
WAS 500Vrms
05/05/06 MP

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600Ω CT WITH 8Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

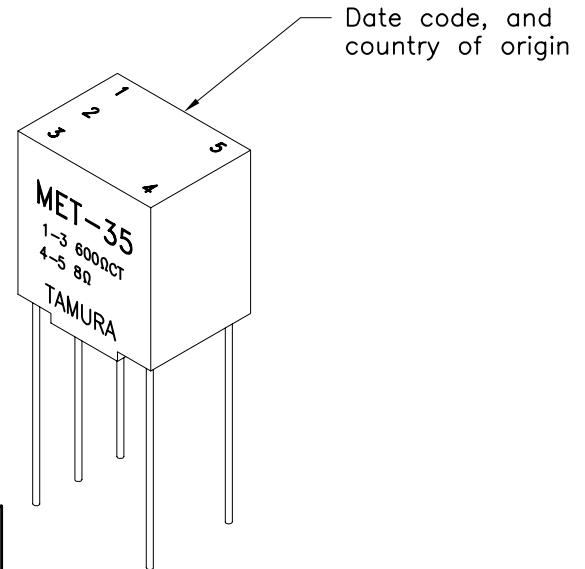
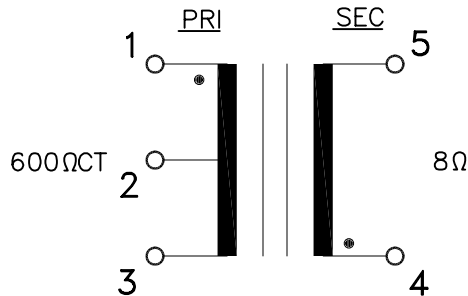
1. Pri Source Impedance; 600Ω CT
2. Sec Load Impedance; 8Ω
3. Pri DC Current; 4.5 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
 - (1-3) 60Ω ±20%
 - (4-5) 1.5Ω ±20%
8. Turns Ratio; (1-3) : (4-5) = 8.66 : 1 ±2%
9. Dielectric Strength; 1000 Vrms, 60Hz 0.5 minute @ Pri - Sec



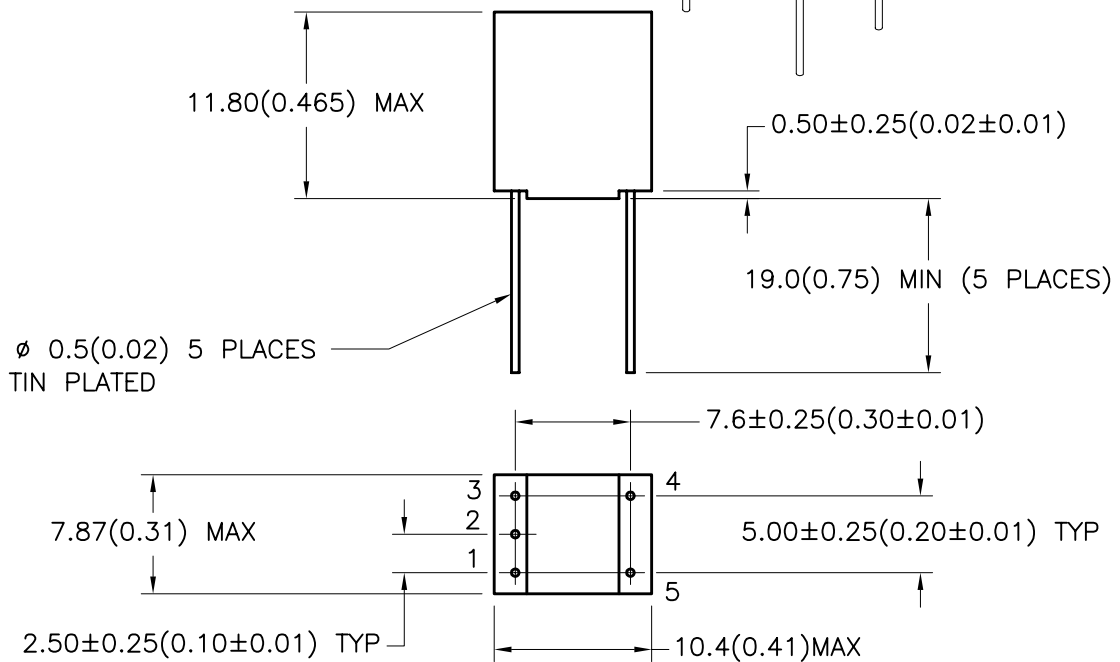
MODEL NUMBER
MET-35

B. Marking; MET-35, 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-A1-10335
ACAD\MET\A1103351.DWG

REV
C

AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
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MET-35

MODEL SPECIFICATION

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

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