

REV. Status

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

REVISION D
ADDED TEMP
RATING
5/5/15 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) $60\Omega \pm 20\%$
(4-5) $1.5\Omega \pm 20\%$
8. Turns Ratio; (1-3) : (4-5) = 8.66 : 1 $\pm 2\%$
9. Dielectric Strength;
1000 Vrms, 60Hz 0.5 minute @ Pri - Sec



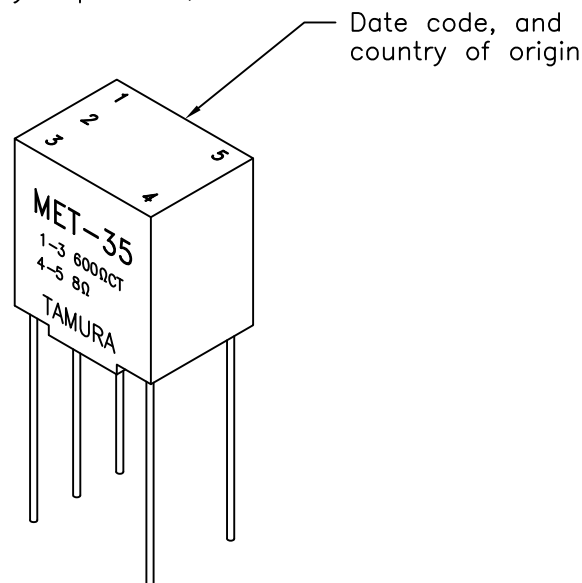
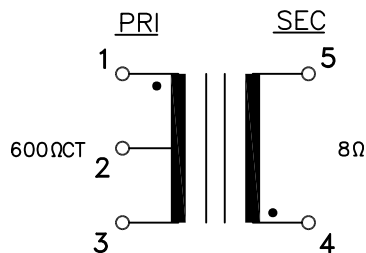
MODEL NUMBER

MET-35

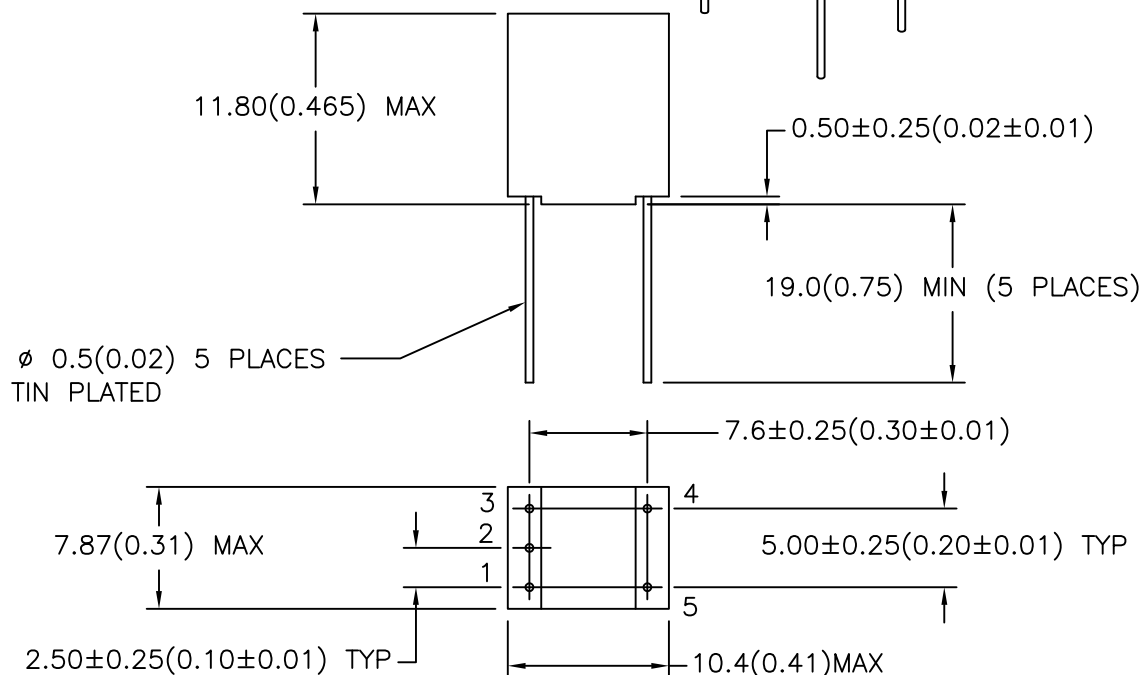
B. Marking; MET-35, TAMURA, Primary and Secondary Impedance, date code and country of origin

- C. Operating Temperature: -20 to +85°C
Storage Temperature: -55 to +105°C

D. Schematic Diagram



E. Mechanical Specifications



TOLERANCES (mm)
$\leq 4 \pm 0.2$
$4 \leq 20 \pm 0.3$
$20 \leq 50 \pm 0.4$

PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.

P-A1-10335

REV

D

MODEL DESCRIPTION

AUDIO COUPLING
MINIATURE ENCAPSULATED XFMR

MODEL SPECIFICATION

MET-35

CONTENTS OF THIS DRAWING ARE
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DIM: mm[In] SCL: 2/1 SH: 1 OF 1

APPROVED:

M. PITCHAI

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