

REV. Status

REVISION -
04/06/98 TSREVISION A
ADDED RoHS
12/02/05 MPREVISION B
ADDED TEMP
RATING
5/4/15 MP

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 65mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 1.6K Ω CT WITH 3.2 Ω LOAD ON SECONDARY.

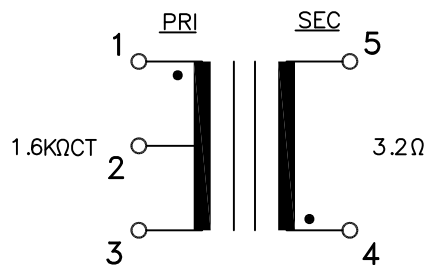
A. Electrical Specifications (@ 20°C)

1. Pri Source Impedance; 1.6K Ω CT
2. Sec Load Impedance; 3.2 Ω
3. Pri DC Current; 2.5mA MAX
4. Operating Level; 65mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
 ± 3.0 dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 230 Ω MAX
(4-5) 1.0 Ω MAX
8. Turns Ratio; (1-3) : (4-5) = 22.4 : 1 $\pm 2\%$
9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri - Sec

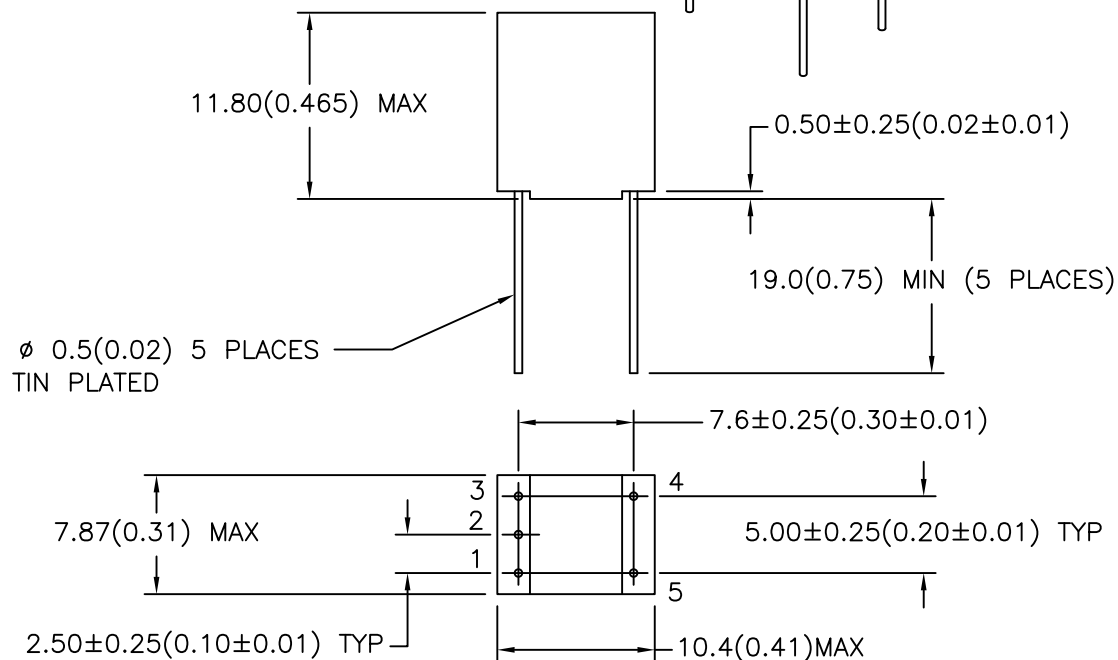
B. Marking; MET-23, TAMURA, Primary and Secondary Impedance, 325336-1, date code and country of origin

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

D. Schematic Diagram

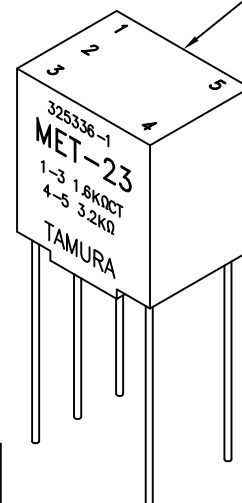


E. Mechanical Specifications



MODEL NUMBER

MET-23

Date code, and
country of origin

TOLERANCES (mm)

$\leq 4 \pm 0.2$
 $4 \leq 20 \pm 0.3$
 $20 \leq 50 \pm 0.4$

PREPARED BY:

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ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.

P-A1-12008

REV

B

MODEL DESCRIPTION

AUDIO COUPLING
MINIATURE ENCAPSULATED XFMR

MODEL SPECIFICATION

MET-23

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APPROVED:

M. PITCHAI

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