

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

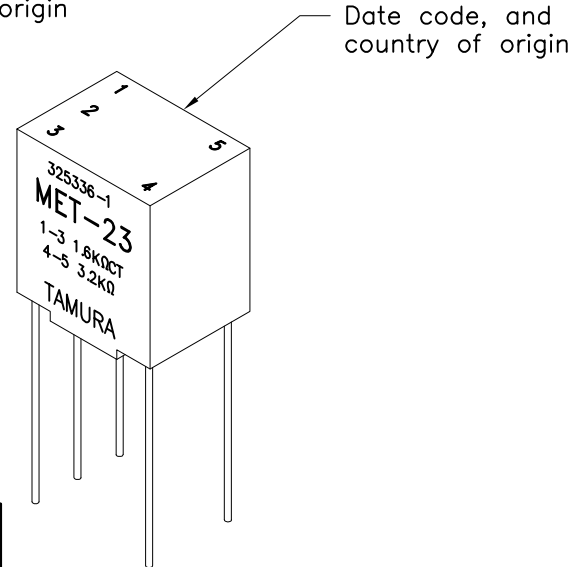
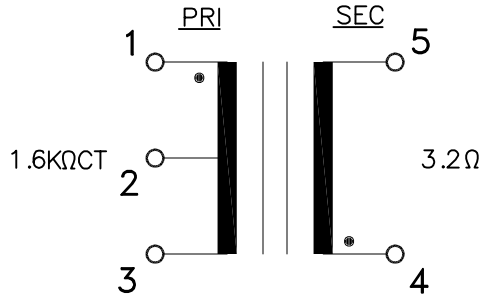
A. Electrical Specifications (@ 20°C)

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

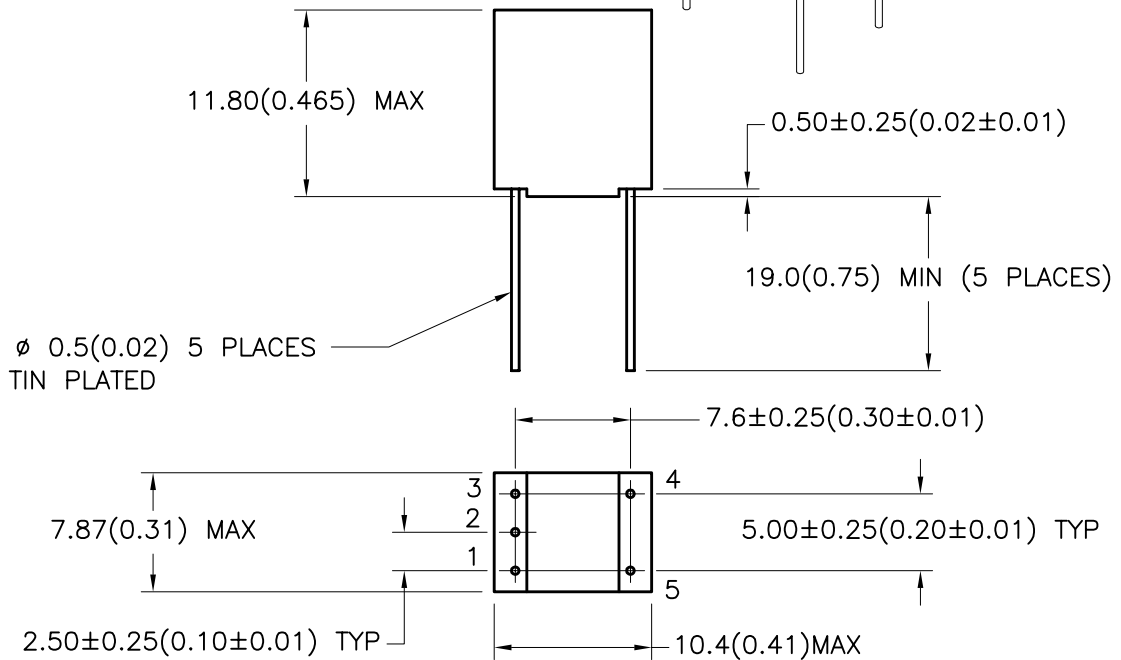


B. Marking; MET-23, TAMURA, Primary and Secondary Impedance, 325336-1, date code and country of origin

C. 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

DWG CONTROL NO. P-A1-12008  
ACAD\MET\A1120081.DWG

REV A  
AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**MET-23**  
MODEL SPECIFICATION

QUALITY CONTROL:  
T. CLEM

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

APPROVED:

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Y. SEKIGUCHI