

REV. Status

REVISION A  
REVISED AND  
REDRAWN ON  
CAD/CAM  
03/28/96 TS

REVISION B  
ADDED RoHS  
12/05/05 MP

REVISION C  
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 WITH 600Ω CT, 150Ω SPLIT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω CT, 150Ω SPLIT
3. Pri DC Current; 3 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;
  - (1-2) 70Ω ±20%
  - (3-6) 95Ω ±20%
8. Turns Ratio; (1-2) : (3-4) : (5-6) = 2 : 1.00 : 1.00 ±2%
9. Dielectric Strength; 1000 Vrms 0.5 minute @ Pri - Sec



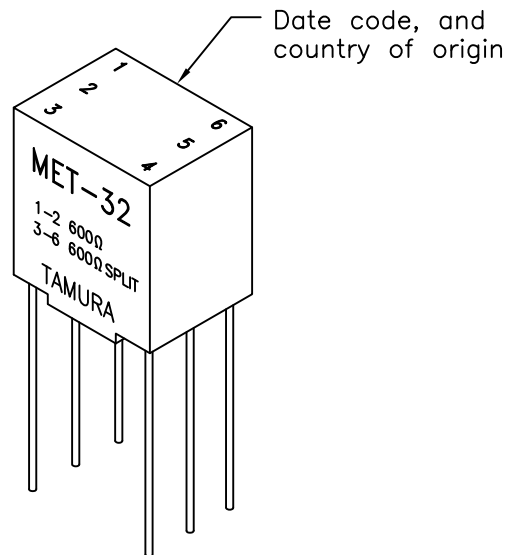
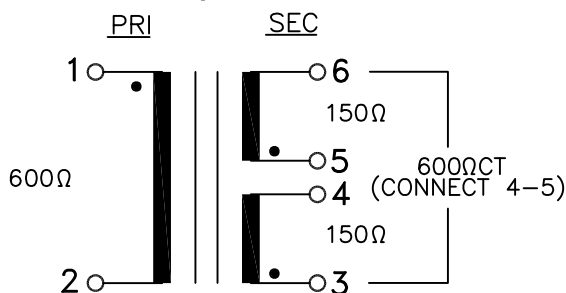
MODEL NUMBER

MET-32

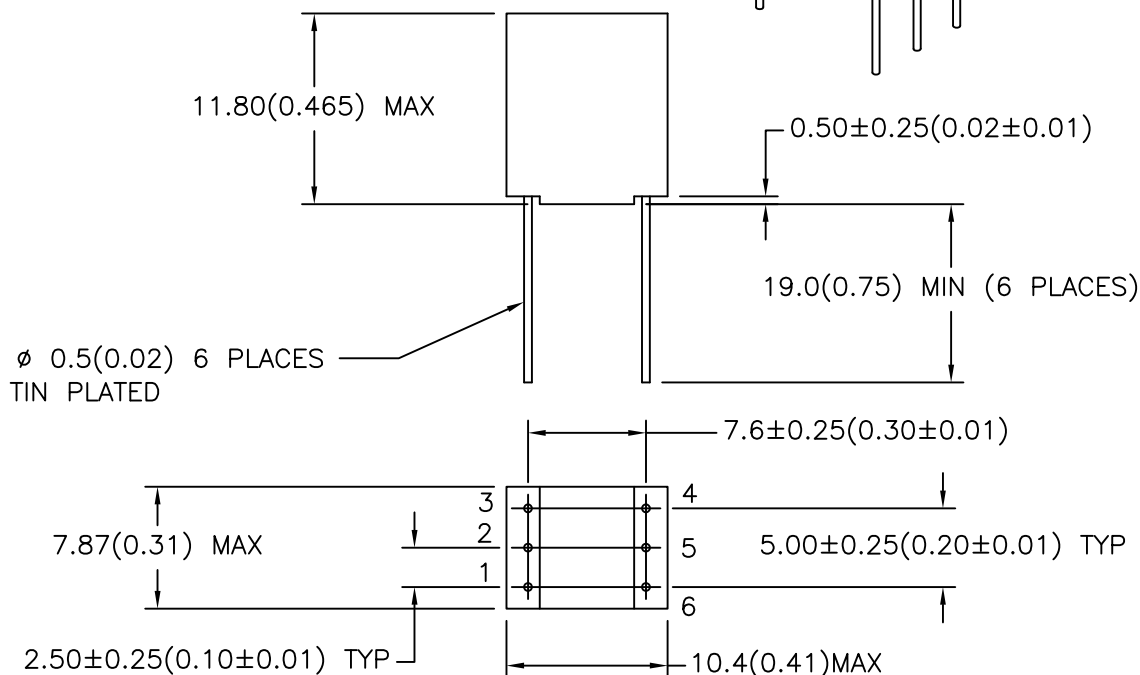
B. Marking; MET-32, TAMURA, Primary and Secondary Impedance, date code and country of origin

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

D. Schematic Diagram



E. Mechanical Specifications



TOLERANCES (mm)
≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

C. POPPE

ENGINEER: MATHI P.	DRAWING CONTROL NO. P-A1-10329	REV C	MODEL DESCRIPTION AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MODEL SPECIFICATION MET-32
SAFETY ENGINEER			TAMURA CORPORATION OF AMERICA	
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APPROVED: M. PITCHAI			DIM: mm[In] SCL: 2/1 SH: 1 OF 1	
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