

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE WITH 50mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 1KΩ WITH 600Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

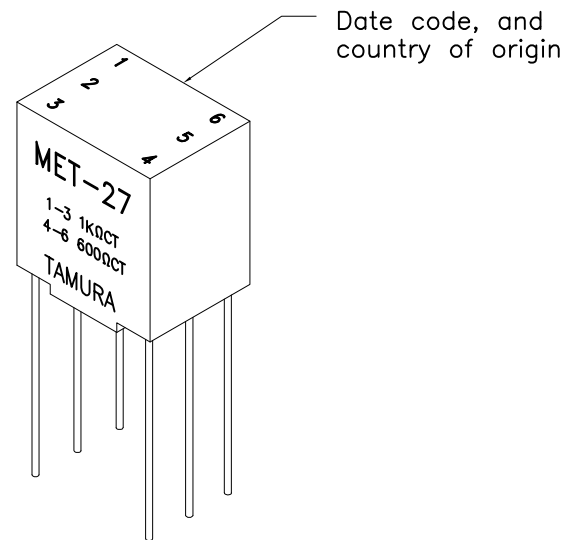
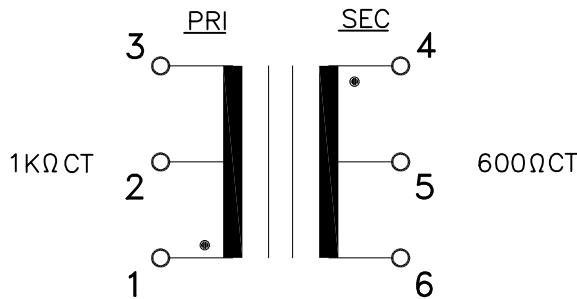
1. Pri Source Impedance; 1KΩ CT
2. Sec Load Impedance; 600Ω CT
3. Pri DC Current; 3 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
  - (1-3) 95Ω ±20%
  - (4-6) 85Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 1.29 : 1 ±2%
9. Dielectric Strength; 60Hz 500 Vrms 0.5 minute @ Pri - Sec



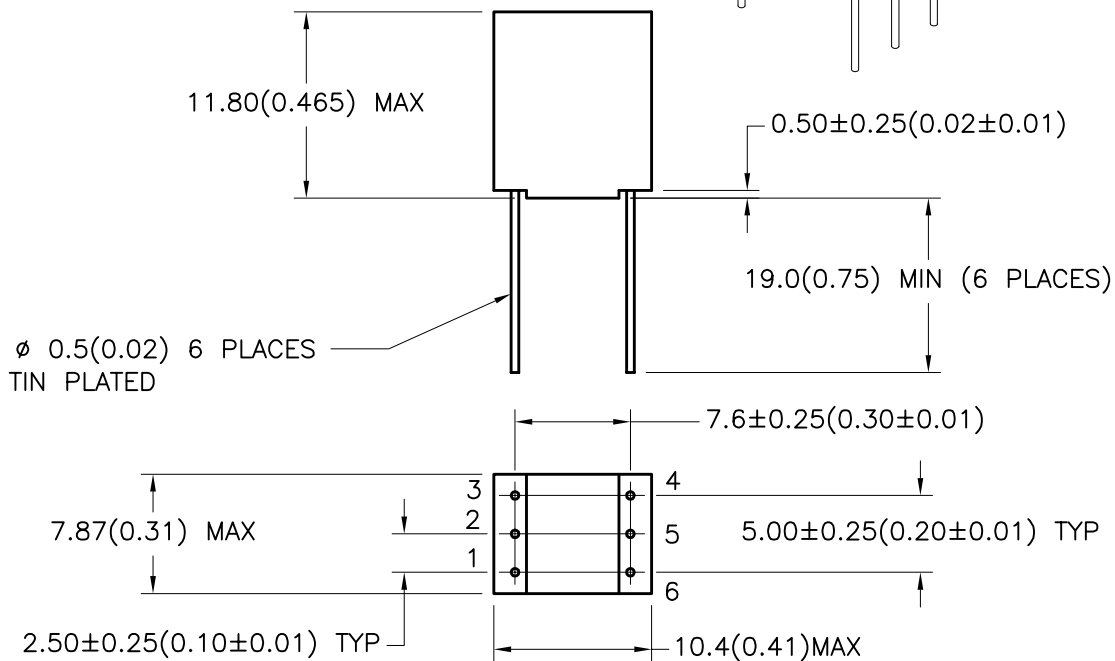
MODEL NUMBER  
**MET-27**

B. Marking; MET-27, TAMURA, Primary and Secondary Impedance, pin numbers, 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:  
K. BRENNAN

ENGINEER: M. PITCHAI	DWG CONTROL NO. P-A1-11329 ACAD\MET\A1113291.DWG	REV A	AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER	<b>MET-27</b>		
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE			MODEL SPECIFICATION		
APPROVED: Y. SEKIGUCHI	<p style="text-align: center;"><b>TAMURA CORPORATION OF AMERICA</b></p> 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482			DIM: mm(In)	SCL: 2/1	SH: 1 OF 1
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