

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 10mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 200KΩCT WITH 1KΩCT LOAD ON SECONDARY.

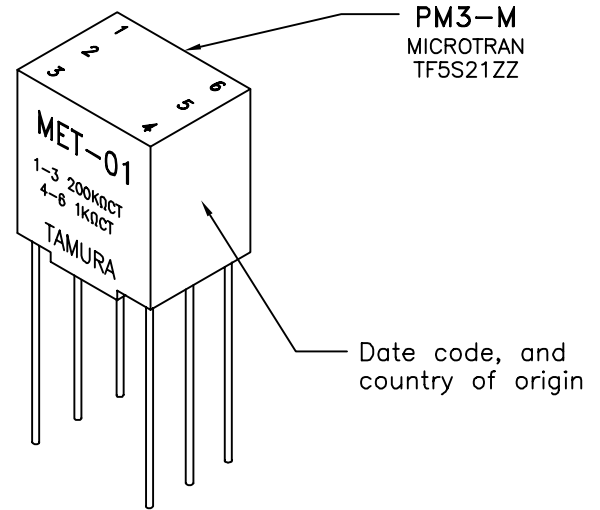
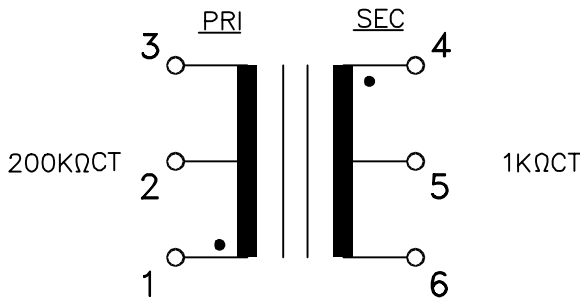
MODEL NUMBER  
**MET-01**

A. Electrical Specifications (@ 20 ° C)

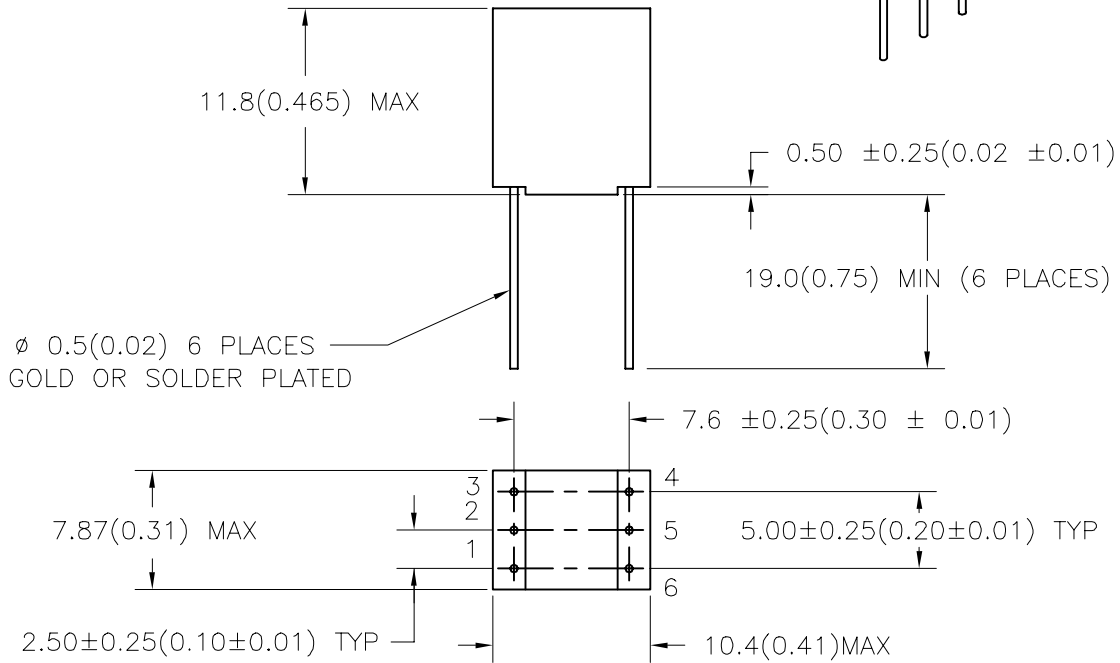
1. Pri Source Impedance; 200K Ω CT
2. Sec Load Impedance; 1K Ω CT
3. Pri DC Current; 0 mA MAX
4. Operating Level; 10mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance; (1-3) 5300 Ω ±20% (4-6) 120 Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 14.1 : 1 ±2%
9. Dielectric Strength; 500 Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-01, TAMURA, Primary and Secondary Impedance, PM3-M, MICROTRAN, TF5S21ZZ, 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	

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QUALITY CONTROL:

V. Casey

APPROVED:

V. Casey

DWG CONTROL NO. P-A1-11490  
ACAD\MXFMR\A1114901.DWG

REV

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AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

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(909) 699-1270 FAX 9096769482

**MET-01**

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

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