

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 25mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 50KΩCT WITH 1KΩCT LOAD ON SECONDARY.

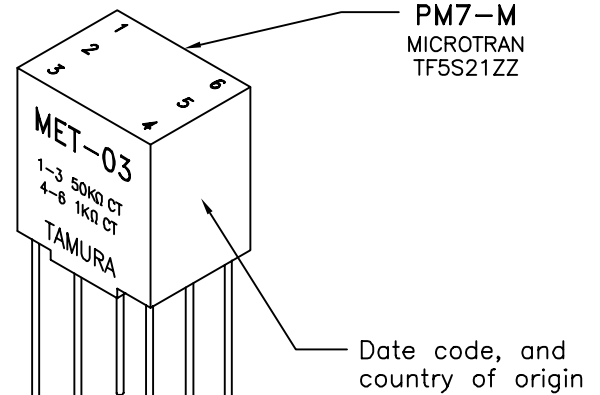
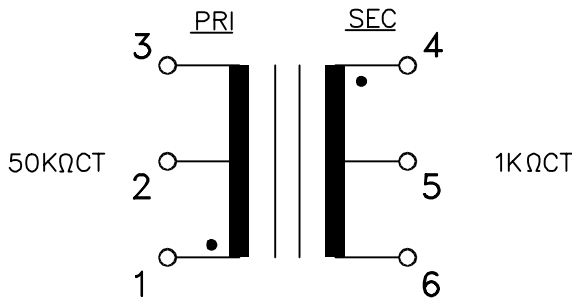
MODEL NUMBER
MET-03

A. Electrical Specifications (@ 20 ° C)

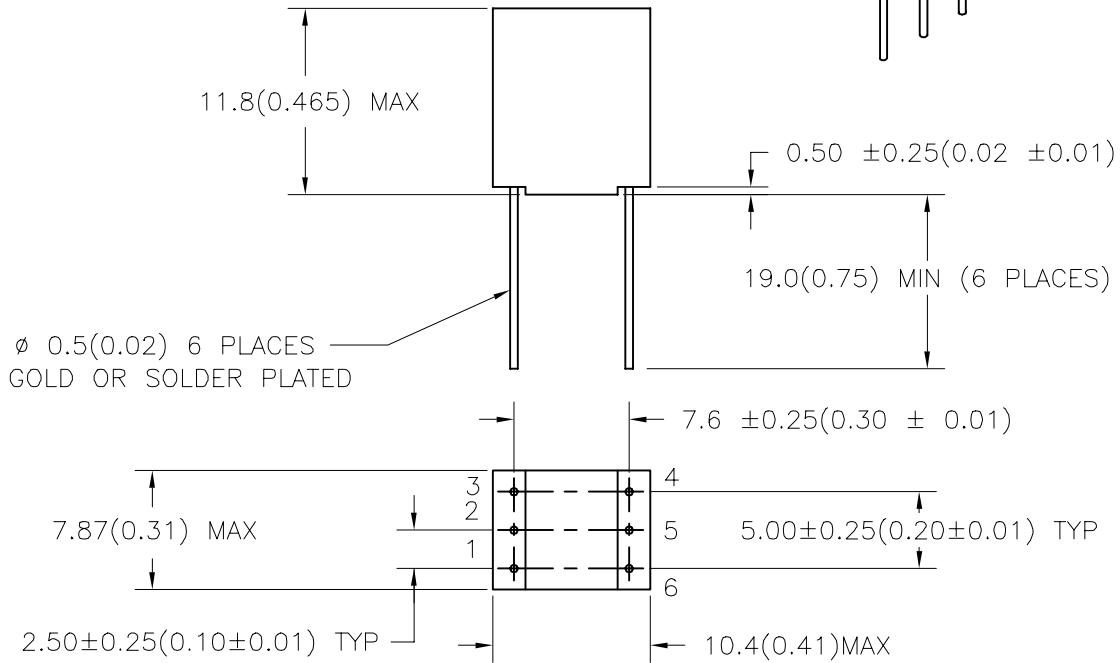
1. Pri Source Impedance; 50KΩ CT
2. Sec Load Impedance; 1KΩ CT
3. Pri DC Current; 0 mA MAX
4. Operating Level; 25 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz);
±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
(1-3) 3800 Ω ±20%
(4-6) 90 Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 7.07 : 1 ±2%
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-03, TAMURA, Primary and Secondary Impedance, PM7-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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APPROVED:

V. Casey

DWG CONTROL NO. P-A1-11461
ACAD\MXFMR\A1114611.DWG

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-03

MODEL SPECIFICATION

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

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