

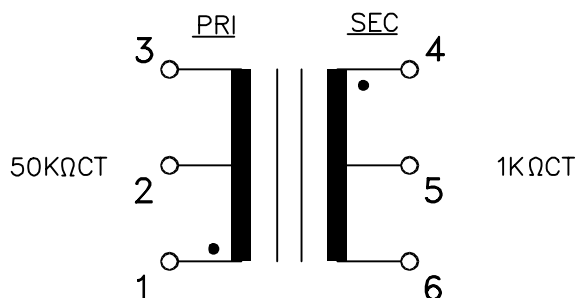
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 25mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 50K Ω CT WITH 1K Ω CT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

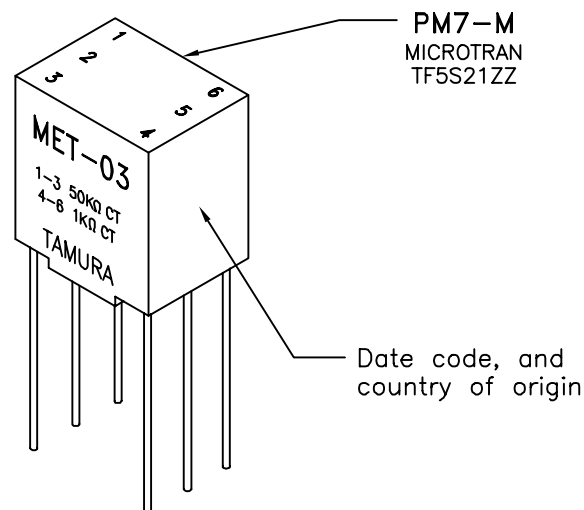
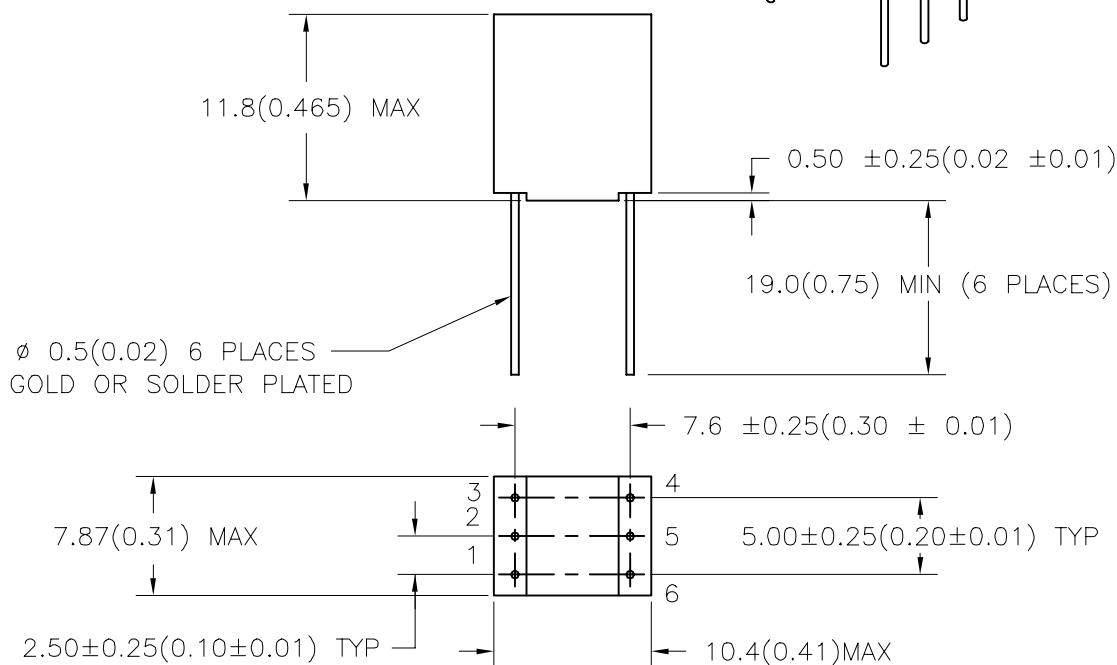
1. Pri Source Impedance; 50K Ω CT
2. Sec Load Impedance; 1K Ω CT
3. Pri DC Current; 0 mA MAX
4. Operating Level; 25 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz);
 ± 2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
(1-3) 3800 Ω $\pm 20\%$
(4-6) 90 Ω $\pm 20\%$
8. Turns Ratio; (1-3) : (4-6) = 7.07 : 1 $\pm 2\%$
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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DWG CONTROL NO.

P-A1-11461

ACAD\MXFMR\A1114611.DWG

REV

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AUDIO COUPLING

MINIATURE ENCAPSULATED TRANSFORMER

TAMURA CORPORATION OF AMERICA

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MET-03

MODEL SPECIFICATION

DIM: mm(In)

SCL: NONE

SH: 1 OF 1

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