

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

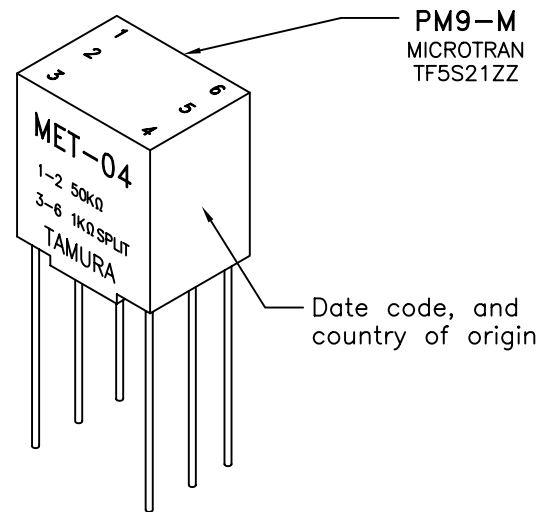
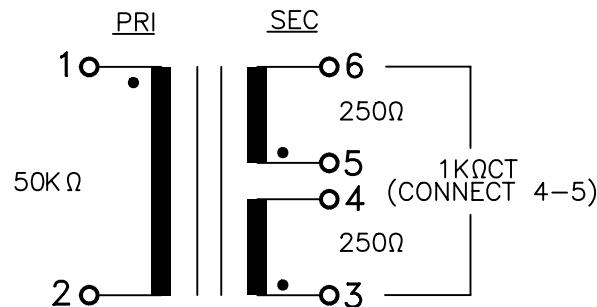
MODEL NUMBER  
**MET-04**

A. Electrical Specifications (@ 20° C)

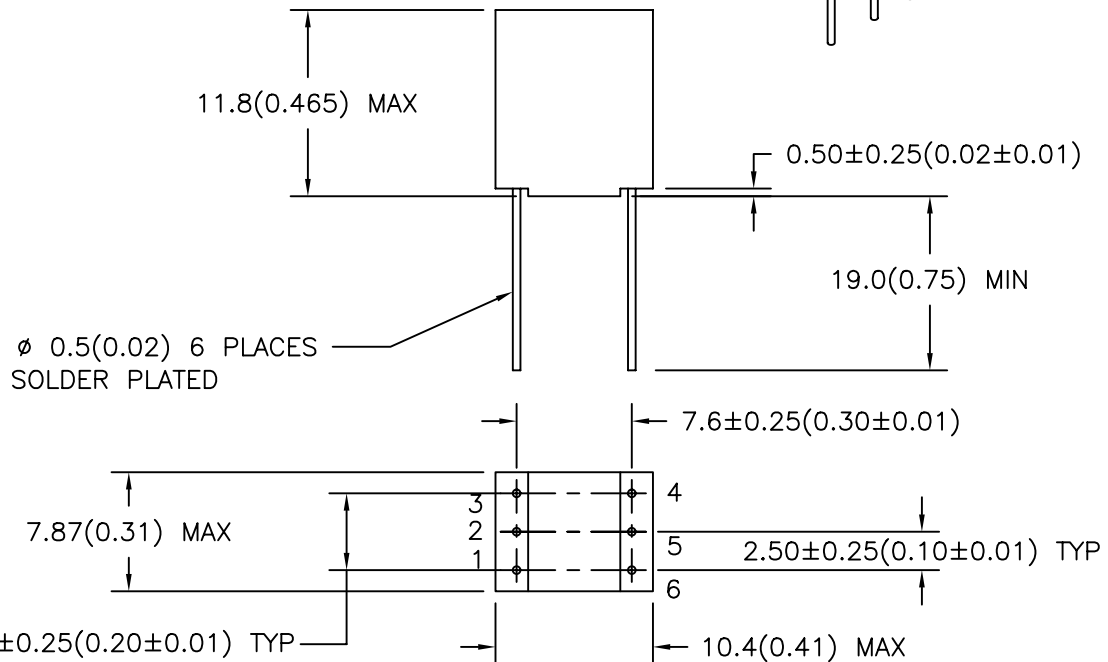
1. Pri Source Impedance; 50KΩ
2. Sec Load Impedance; 1KΩ SPLIT
3. Pri DC Current; 0mA MAX
4. Operating Level; 25mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);  
±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;  
(1-2) 3800Ω ±20%  
(3-6) 90Ω ±20%
8. Turns Ratio; (1-2) : (3-4) : (5-6) = 14.1 : 1.0 : 1.0 ±2%
9. Dielectric Strength;  
60Hz 500Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-04, TAMURA, Primary and Secondary Impedance, PM9-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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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO.  
P-A1-12001  
ACAD\MXFMR\A1120011.DWG

REV  
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AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

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**MET-04**

MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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