

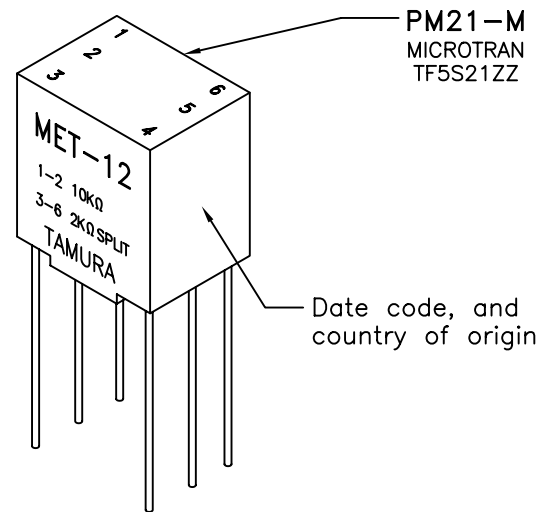
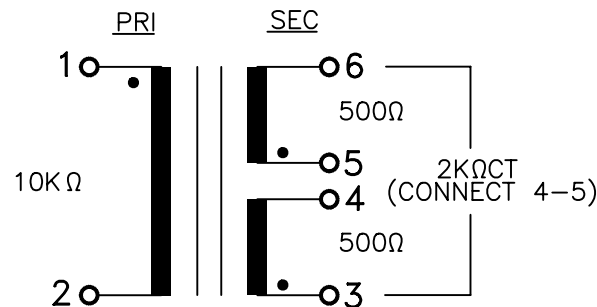
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10K Ω WITH 2K Ω SPLIT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)

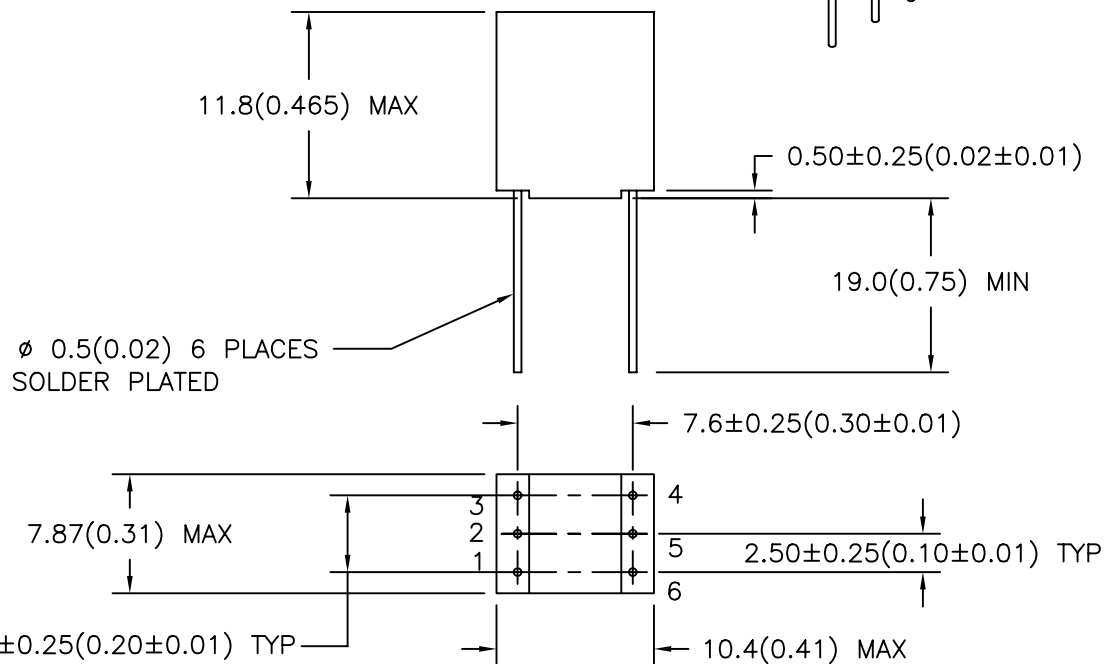
1. Pri Source Impedance; 10K Ω
2. Sec Load Impedance; 2K Ω SPLIT
3. Pri DC Current; 0.5mA MAX
4. Operating Level; 40mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
 ± 2.0 dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-2) 1000 Ω $\pm 20\%$
(3-6) 300 Ω $\pm 20\%$
8. Turns Ratio; (1-2) : (3-4) : (5-6) = 4.47 : 1.0 : 1.0 $\pm 2\%$
9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-12, TAMURA, Primary and Secondary Impedance, PM21-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



TOLERANCES (mm)	
≤ 4	± 0.2
$4 \leq 20$	± 0.3
$20 \leq 50$	± 0.4

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QUALITY CONTROL:

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APPROVED:

D. Suzuki

DWG CONTROL NO.
P-A1-12004
ACAD\MXFMR\A1120041.DWG

REV
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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-12

MODEL SPECIFICATION

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

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