

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

A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 200K Ω
2. Sec Load Impedance; 1K Ω
3. Pri DC Current; 0 mA MAX
4. Operating Level; 10 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;
(1-2) 6K Ω $\pm 20\%$
(3-4) 119 Ω $\pm 20\%$
8. Turns Ratio; (1-2) : (3-4) = 14.1 : 1 $\pm 2\%$
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

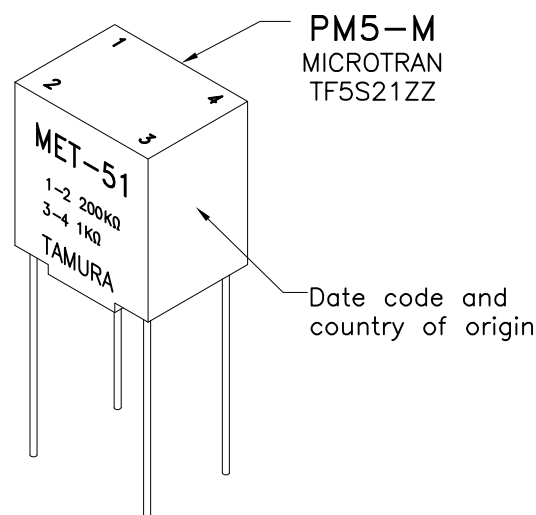
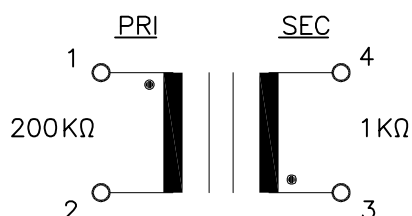


MODEL NUMBER

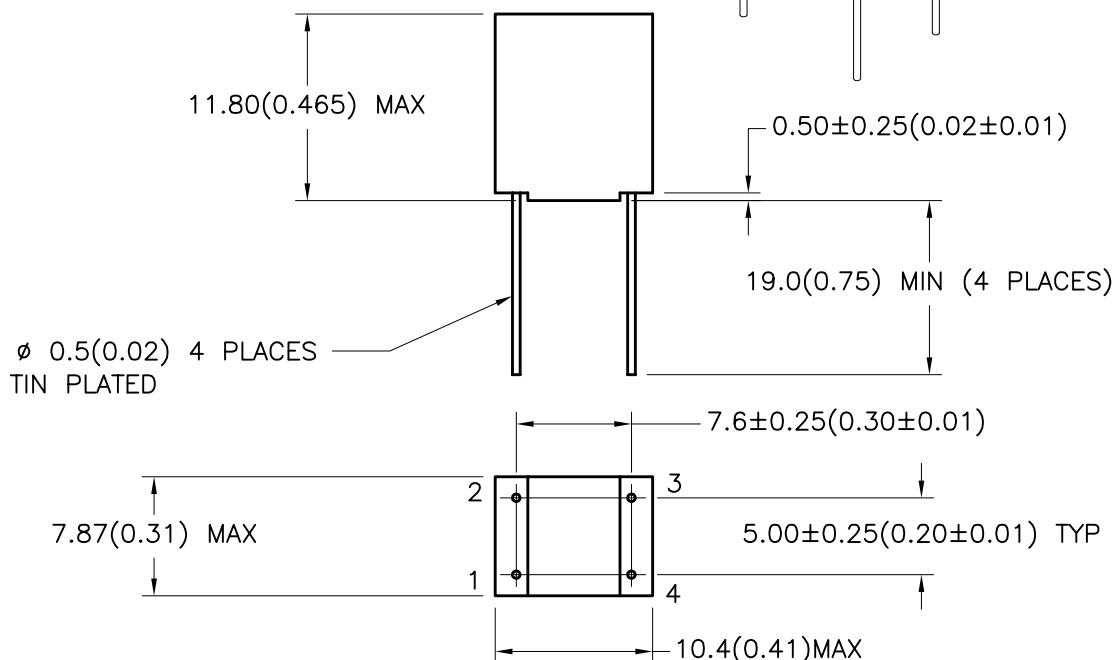
MET-51

B. Marking; MET-51, TAMURA, Primary and Secondary Impedance, pin numbers, PM5-M, MICROTRAN, TF5S21ZZ, 196-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:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-11419
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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-51

MODEL SPECIFICATION

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

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