

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

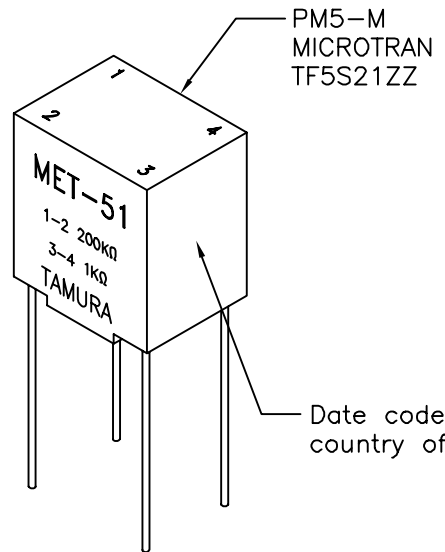
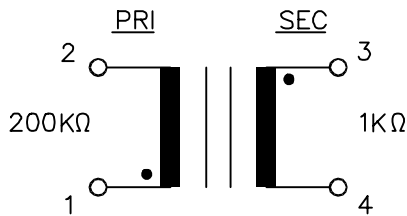
MODEL NUMBER
MET-51

A. Electrical Specifications (@ 20 ° C)

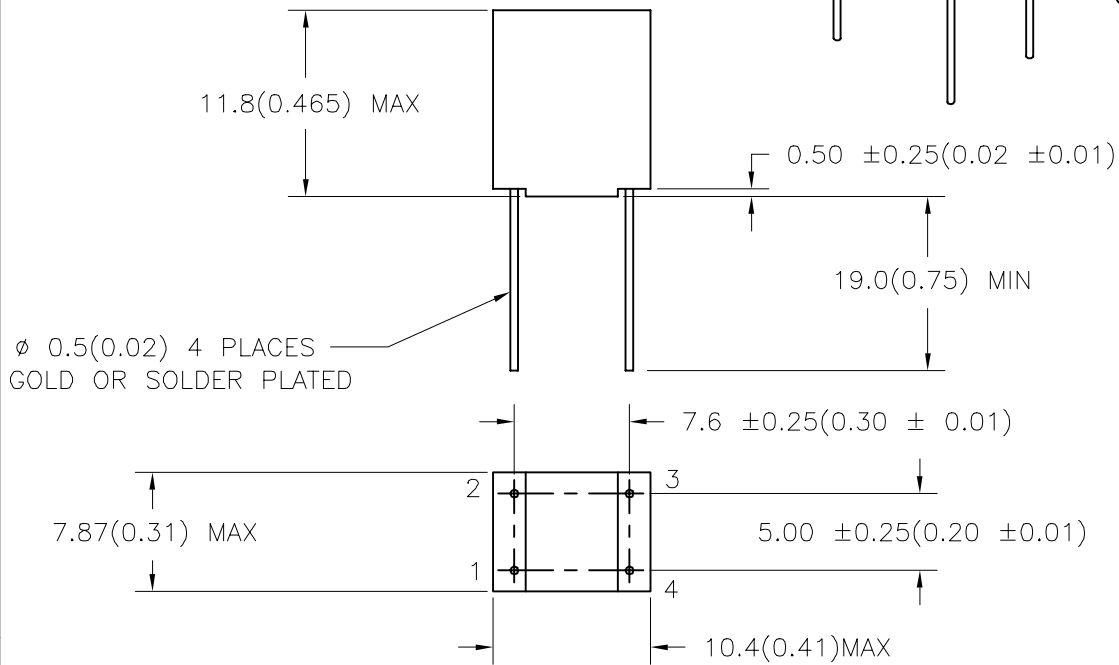
1. Pri Source Impedance; 200KΩ
2. Sec Load Impedance; 1KΩ
3. Pri DC Current; 0 mA MAX
4. Operating Level; 10 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz);
±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
(1-2) 6KΩ ±20%
(3-4) 119Ω ±20%
8. Turns Ratio; (1-2) : (3-4) = 14.1 : 1 ±2%
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

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



PREPARED BY:

K. Brennan

ENGINEER:

DWG CONTROL NO. P-A1-11419
ACAD\XFMR\A1114191.DWG

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

T. Shiozawa

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MET-51

MODEL SPECIFICATION

V. Casey

APPROVED:

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

V. Casey

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