

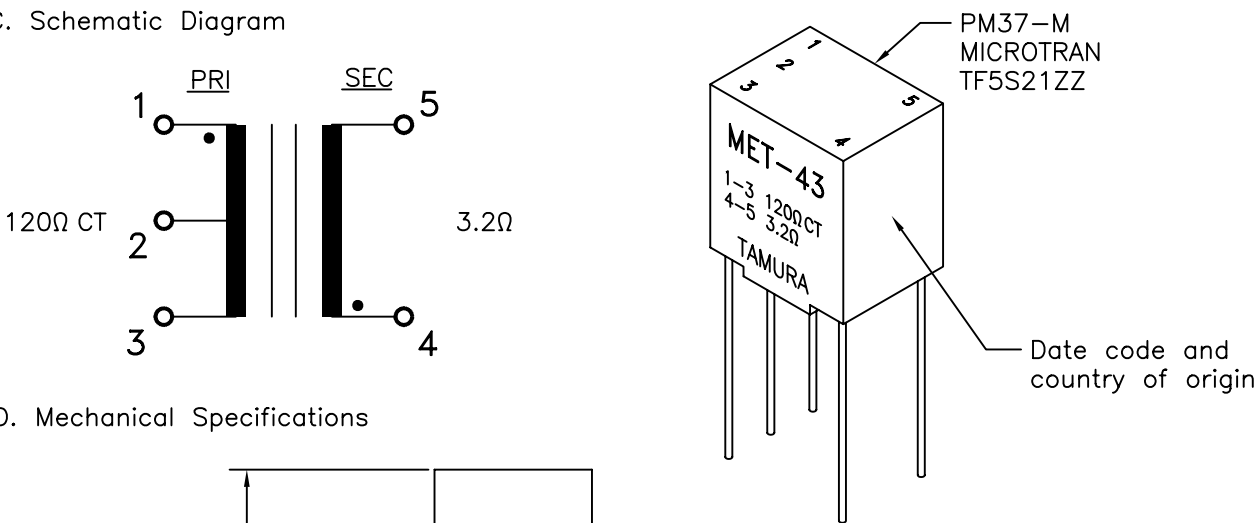
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY IMPEDANCE OF APPROXIMATELY 120Ω CT WITH 3.2Ω LOAD ON SECONDARY.

MODEL NUMBER
MET-43

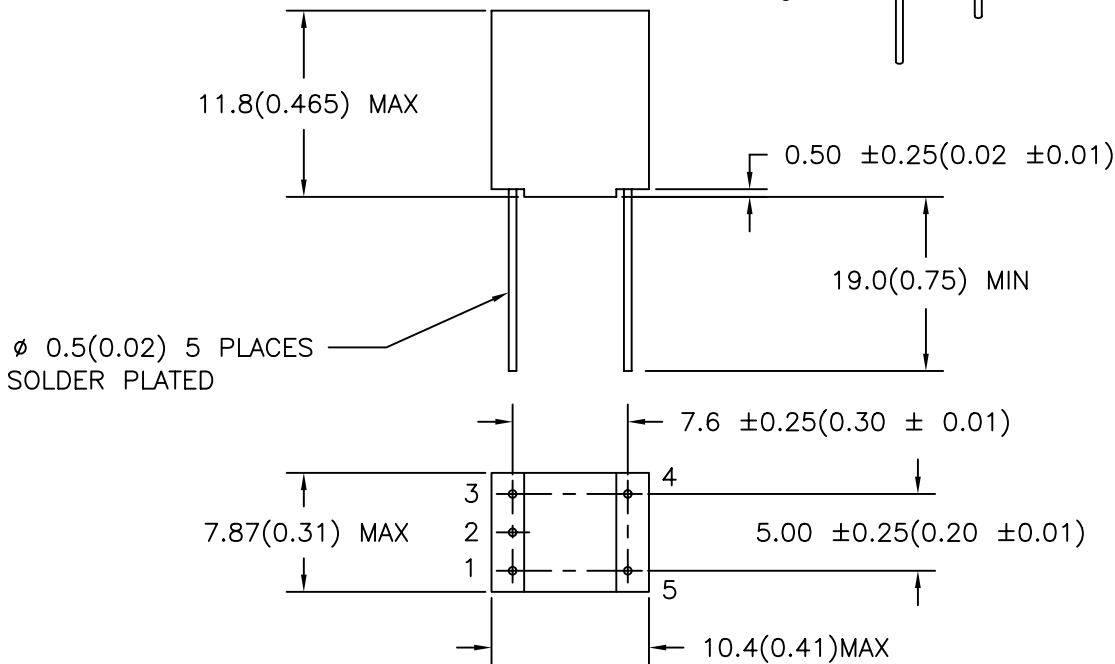
- A. Electrical Specifications (@ 20°C)
- 1. Pri Source Impedance; 120Ω CT
 - 2. Sec Load Impedance; 3.2Ω
 - 3. Pri DC Current; 10mA MAX
 - 4. Operating Level; 50mW MAX @ 300Hz
 - 5. Frequency Response (relative to 1KHz);
±2.0dB @ 300Hz to 100KHz
 - 6. Longitudinal Balance; 60dB MIN @ 1KHz
 - 7. DC Resistance;
(1-3) 13Ω ±20%
(4-5) 0.7Ω ±20%
 - 8. Turns Ratio; (1-3) : (4-5) = 6.12 : 1.00 ±2%
 - 9. Dielectric Strength;
500Vrms (10mA peak MAX) 1 minute @ Pri - Sec

B. Marking; MET-43, TAMURA, Primary and Secondary Impedance, PM37-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO.
P-A1-12015
ACAD\MET\A1120151.DWG

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-43

MODEL SPECIFICATION

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

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