

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY IMPEDANCE OF APPROXIMATELY 300Ω CT WITH 600Ω LOAD ON SECONDARY.

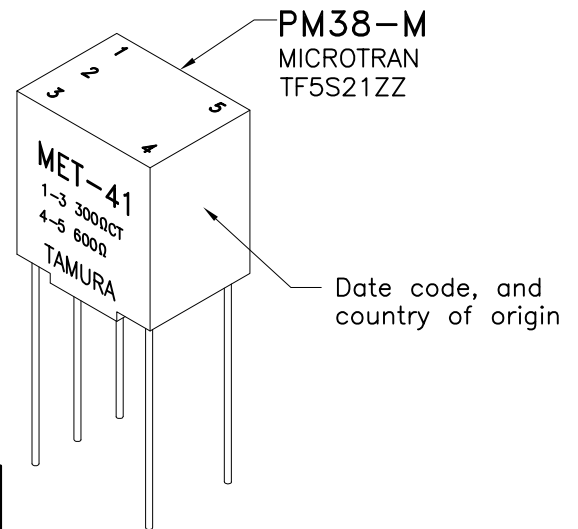
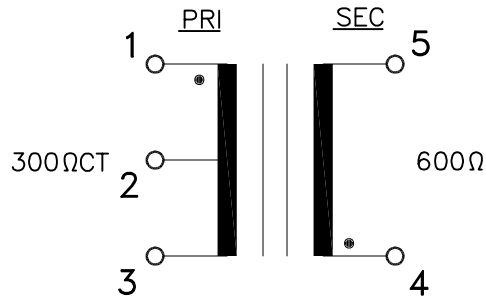
MODEL NUMBER  
**MET-41**



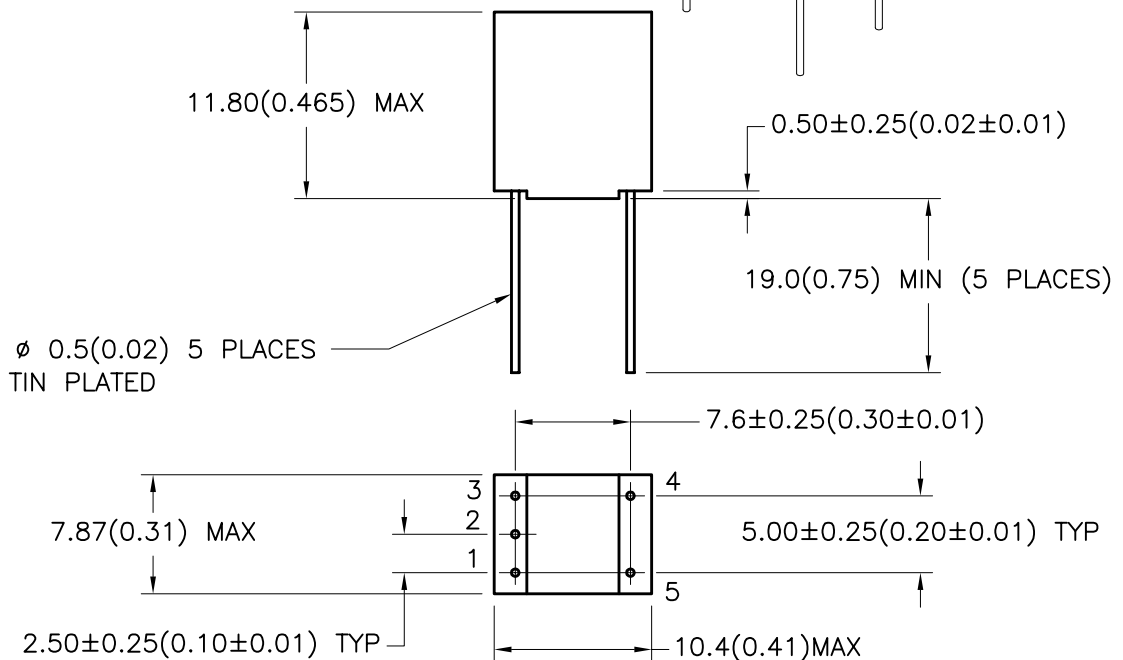
- A. Electrical Specifications (@ 20°C)
1. Pri Source Impedance; 300Ω CT
  2. Sec Load Impedance; 600Ω
  3. Pri DC Current; 7mA MAX
  4. Operating Level; 50mW MAX @ 300Hz
  5. Frequency Response (relative to 1KHz); ±2.0dB @ 300Hz to 100KHz
  6. Longitudinal Balance; 60dB MIN @ 1KHz
  7. DC Resistance;
    - (1-3) 41Ω ±20%
    - (4-5) 98Ω ±20%
  8. Turns Ratio; (1-3) : (4-5) = 0.71 : 1.00 ±2%
  9. Dielectric Strength; 500Vrms (10mA peak MAX) 1 minute @ Pri - Sec

B. Marking; MET-41, TAMURA, Primary and Secondary Impedance, PM38-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

PREPARED BY:

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ENGINEER:  
M. PITCHAI

DWG CONTROL NO. P-A1-12014  
ACAD\MET\A1120141.DWG

REV A  
AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**MET-41**  
MODEL SPECIFICATION

QUALITY CONTROL:  
T. CLEM

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

APPROVED:

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Y. SEKIGUCHI