

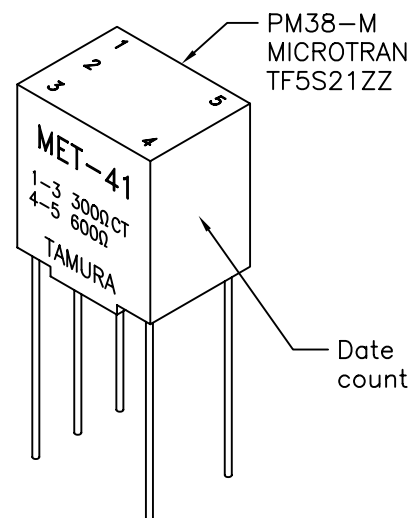
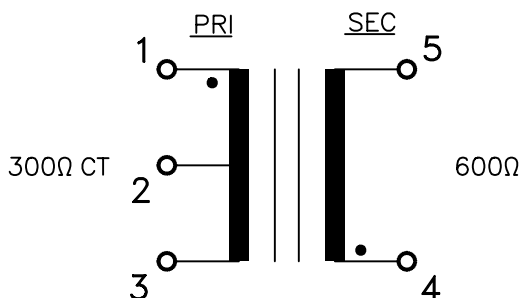
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY IMPEDANCE OF APPROXIMATELY  $300\Omega$  CT WITH  $600\Omega$  LOAD ON SECONDARY.

## A. Electrical Specifications (@ 20°C)

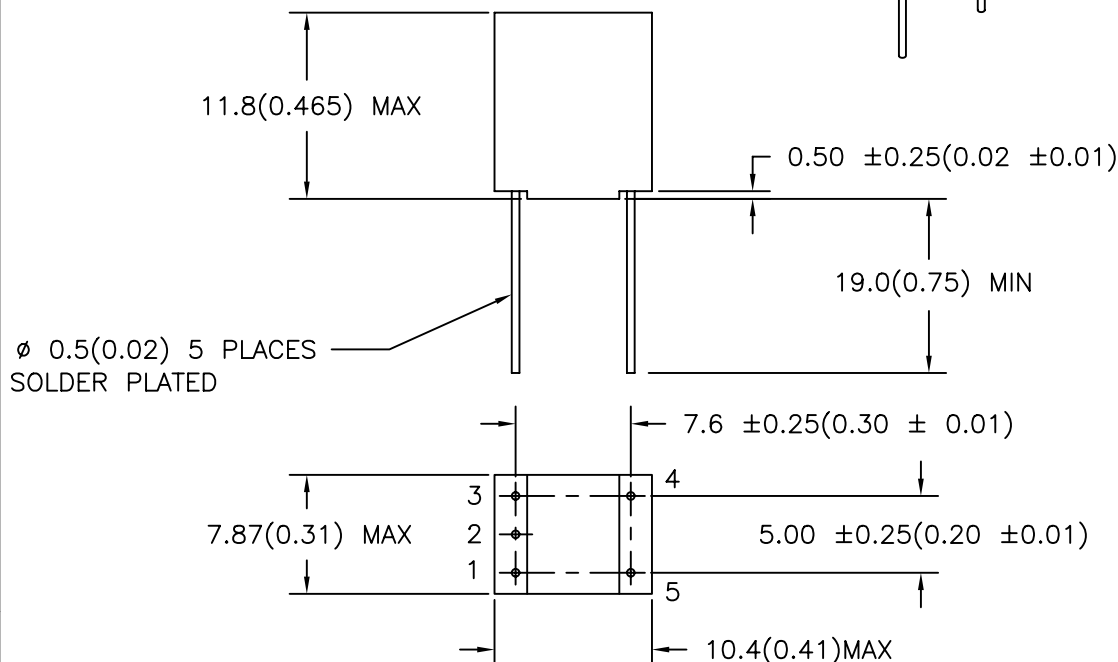
1. Pri Source Impedance;  $300\Omega$  CT
2. Sec Load Impedance;  $600\Omega$
3. Pri DC Current; 7mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);  
 $\pm 2.0\text{dB}$  @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;  
(1-3)  $41\Omega \pm 20\%$   
(4-5)  $98\Omega \pm 20\%$
8. Turns Ratio; (1-3) : (4-5) = 0.71 : 1.00  $\pm 2\%$
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



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D. Suzuki

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

REV  
—

AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482

**MET-41**

MODEL SPECIFICATION

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

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