

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.

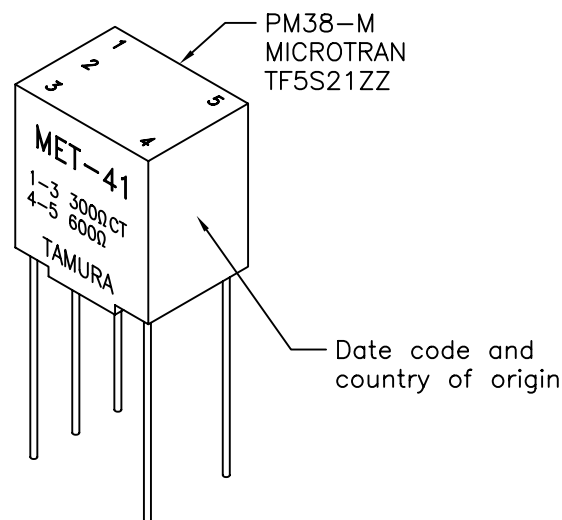
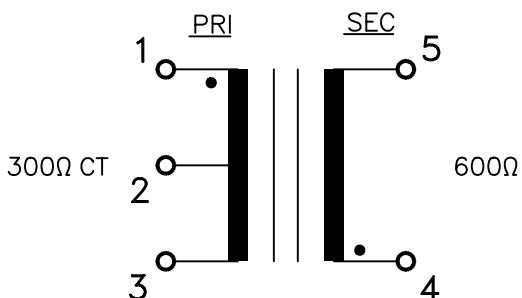
MODEL NUMBER
MET-41

A. Electrical Specifications (@ 20°C)

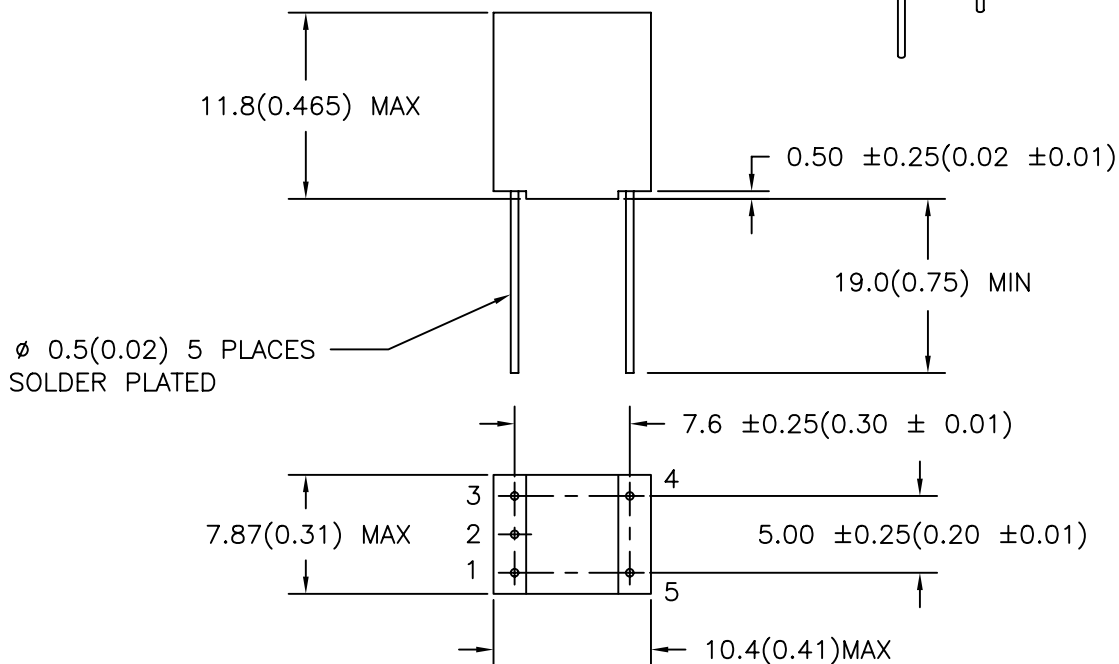
1. Pri Source Impedance; 300Ω CT
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 7mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
±2.0dB @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 41Ω ±20%
(4-5) 98Ω ±20%
8. Turns Ratio; (1-3)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



PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

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

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.