

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.

A. Electrical Specifications (@ 20°C)

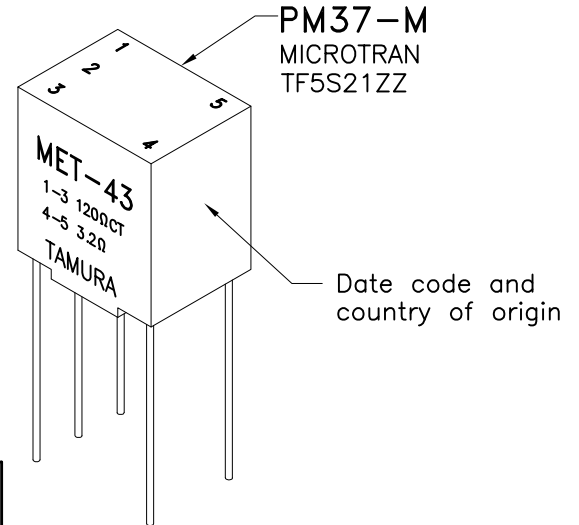
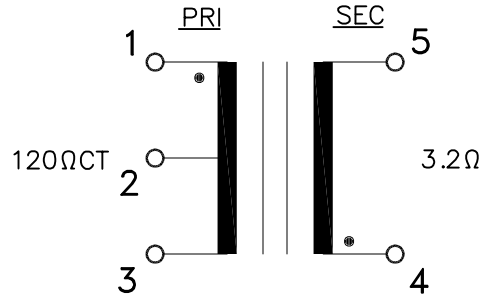
1. Pri Source Impedance; 120Ω CT
2. Sec Load Impedance; 3.2Ω
3. Pri DC Current; 10mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz); ±2.0dB @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
 - (1-3) 13Ω ±20%
 - (4-5) 0.7Ω ±20%
8. Turns Ratio;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



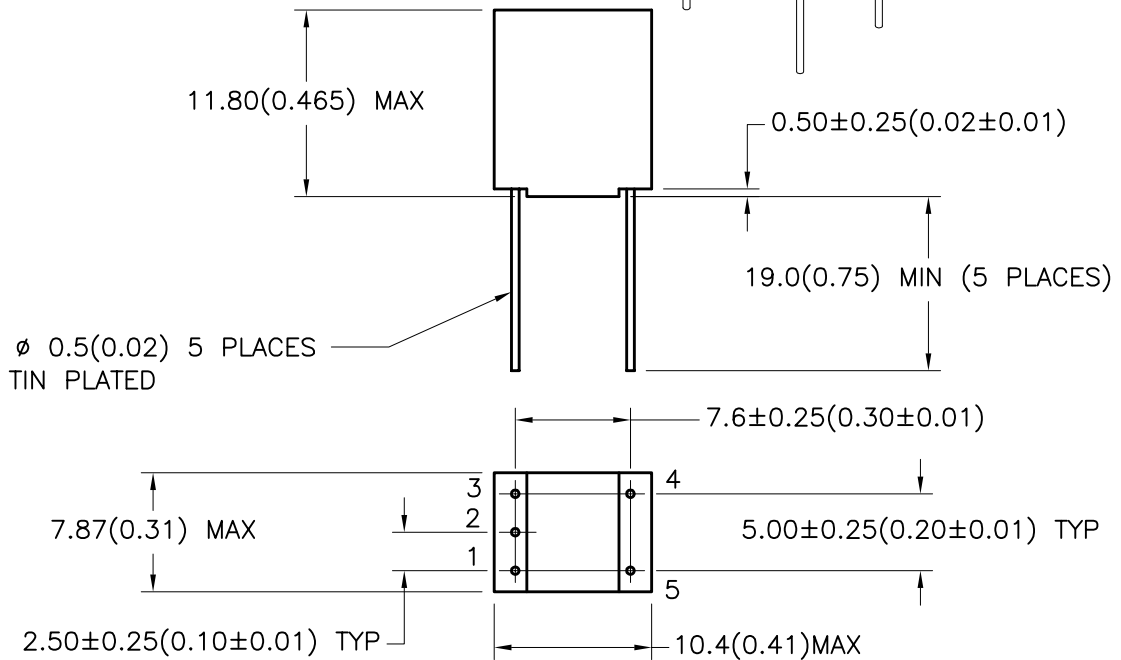
MODEL NUMBER
MET-43

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



TOLERANCES (mm)	
≤ 4	± 0.2
4 ≤ 20	± 0.3
20 ≤ 50	± 0.4

PREPARED BY:

K. BRENNAN

ENGINEER:
M. PITCHAI

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

REV A
AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

MET-43
MODEL SPECIFICATION

QUALITY CONTROL:
T. CLEM

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TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(951) 699-1270 FAX 9516769482

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

APPROVED:

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Y. SEKIGUCHI