

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.

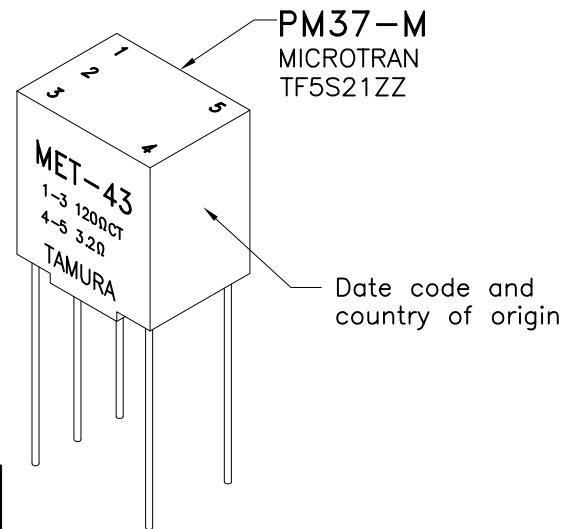
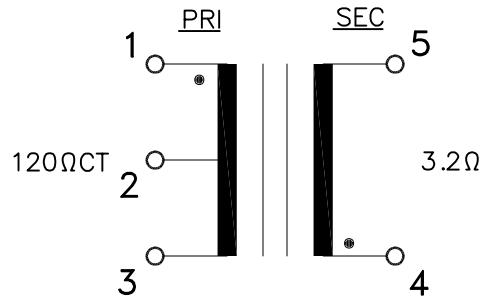
MODEL NUMBER
MET-43



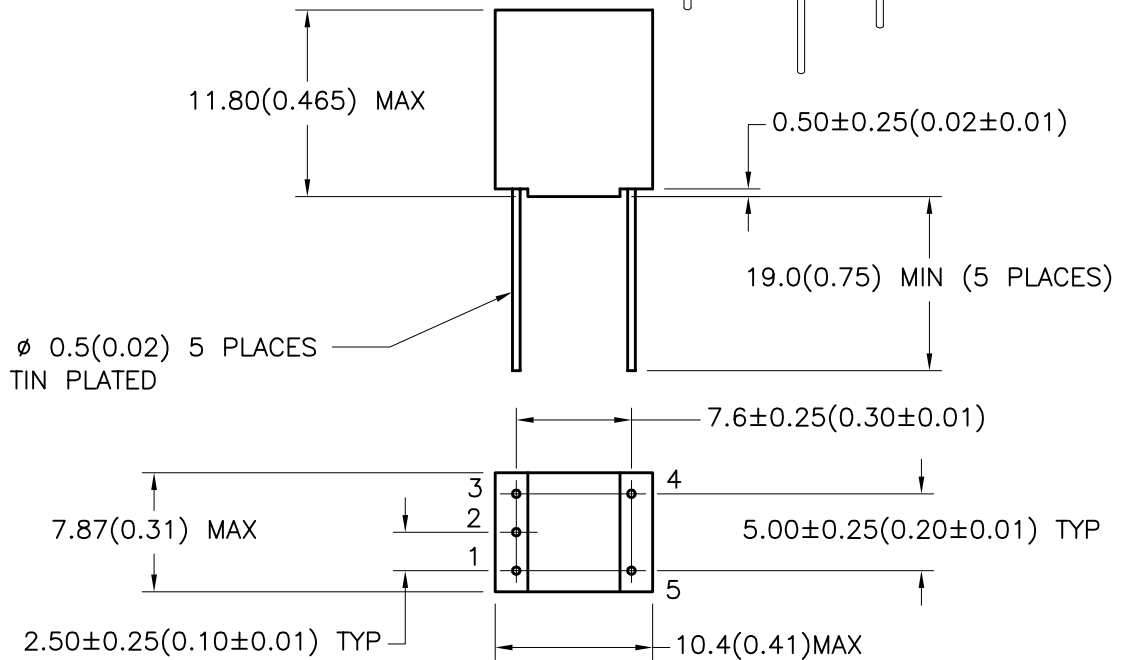
- A. Electrical Specifications (@ 20°C)
- Pri Source Impedance; 120Ω CT
 - Sec Load Impedance; 3.2Ω
 - Pri DC Current; 10mA MAX
 - Operating Level; 50mW MAX @ 300Hz
 - Frequency Response (relative to 1KHz); ±2.0dB @ 300Hz to 100KHz
 - Longitudinal Balance; 60dB MIN @ 1KHz
 - DC Resistance;
 - (1-3) 13Ω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



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	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482		
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