

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 30mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 25KΩCT WITH 1KΩCT LOAD ON SECONDARY.

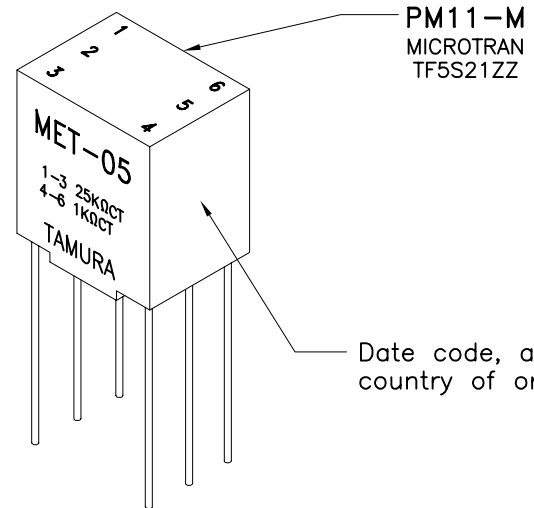
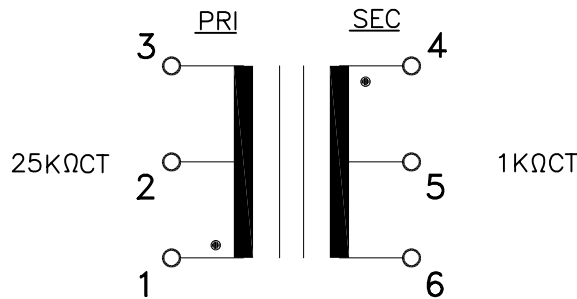
A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 25KΩCT
2. Sec Load Impedance; 1KΩCT
3. Pri DC Current; 0.5 mA MAX
4. Operating Level; 30 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
  - (1-3) 1600Ω ±20%
  - (4-6) 95Ω -20%, +30%
8. Turns Ratio; (1-3) : (4-6) = 5.00 : 1 ±2%
9. Dielectric Strength; 60Hz 500Vrms 0.5 minute @ Pri - Sec

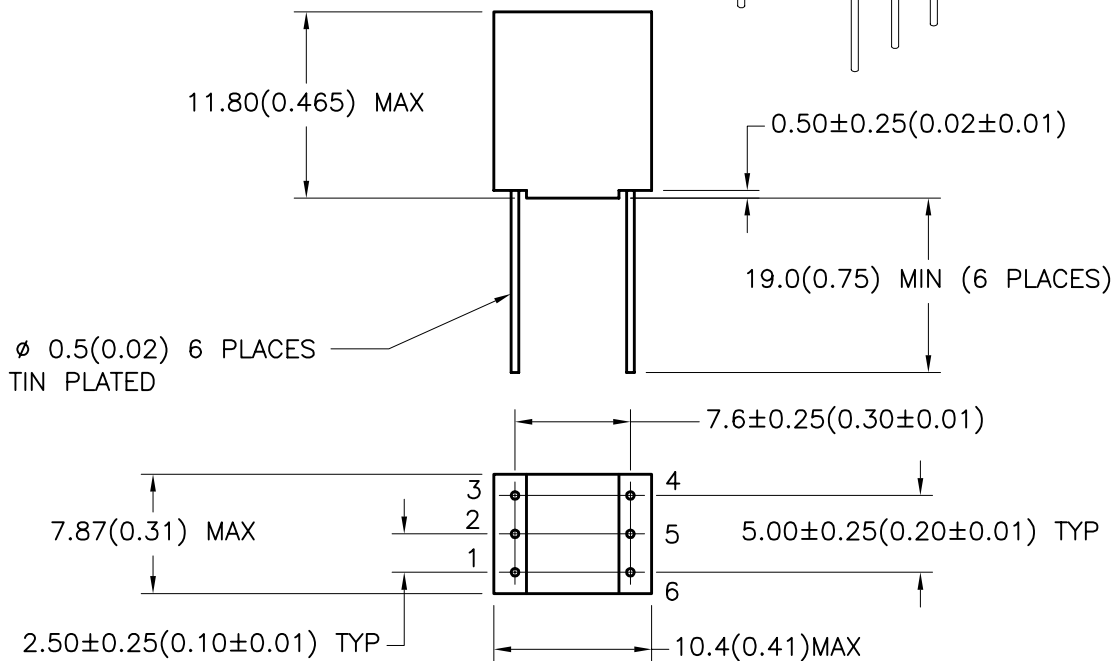


B. Marking; MET-05, TAMURA, Primary and Secondary Impedance, PM11-M, MICROTRAN, TF5S21ZZ, date code and country of origin

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-A1-11577 ACAD\MET\A1115771.DWG	REV <b>B</b>	AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER	<b>MET-05</b>
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE <b>TAMURA CORPORATION OF AMERICA</b> 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482			MODEL SPECIFICATION
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