

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩ WITH 2KΩ SPLIT LOAD ON SECONDARY.

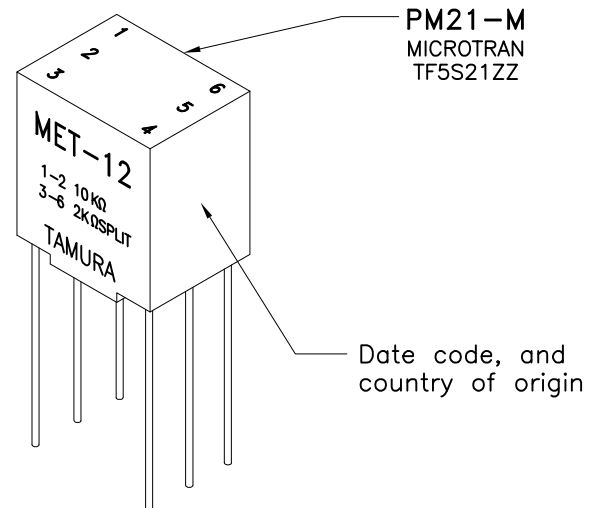
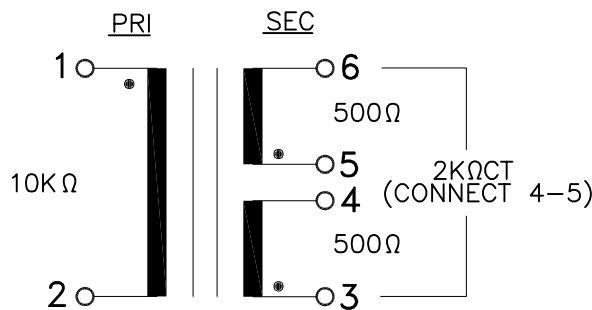
A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 10KΩ
2. Sec Load Impedance; 2KΩ SPLIT
3. Pri DC Current; 0.5mA MAX
4. Operating Level; 40mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
 - (1-2) 1000Ω ±20%
 - (3-6) 300Ω ±20%
8. Turns Ratio; (1-2) : (3-4) : (5-6) = 4.47 : 1.0 : 1.0 ±2%
9. Dielectric Strength; 60Hz 500Vrms 0.5 minute @ Pri - Sec

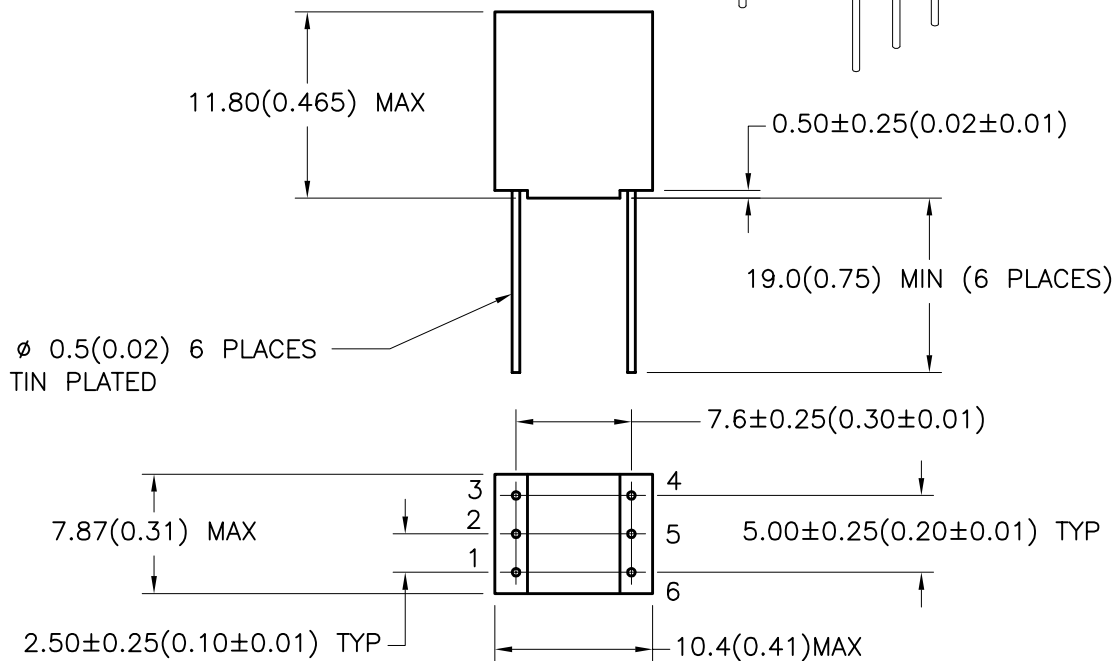


B. Marking; MET-12, TAMURA, Primary and Secondary Impedance, PM21-M, MICROTRAN, TF5S21ZZ, date code and country of origin

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-A1-12004 ACAD\MET\A112004.1.DWG	REV A	AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER	MET-12 MODEL SPECIFICATION	
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