

REVISION - 11/14/95 TS
REVISION A ADDED RoHS 12/02/05 MP
REVISION B REV DC RES WAS 90Ω ±20% 02/01/08 YS

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 25mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 50KΩCT WITH 1KΩCT LOAD ON SECONDARY.

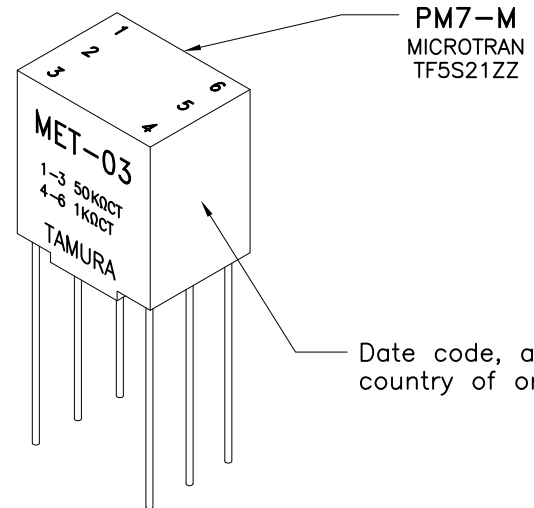
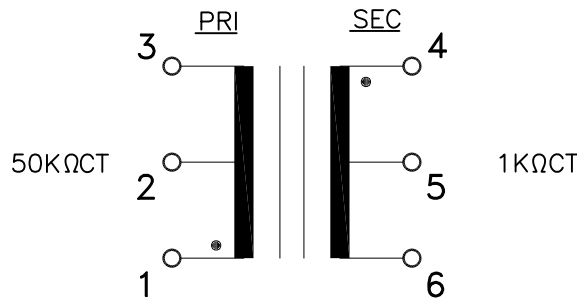
A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 50KΩ CT
2. Sec Load Impedance; 1KΩ CT
3. Pri DC Current; 0 mA MAX
4. Operating Level; 25 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) 3800Ω ±20%
  - (4-6) 105Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 7.07 : 1 ±2%
9. Dielectric Strength; 500 Vrms 0.5 minute @ Pri - Sec



B. Marking; MET-03, TAMURA, Primary and Secondary Impedance, PM7-M, MICROTRAN, TF5S21ZZ, date code and country of origin

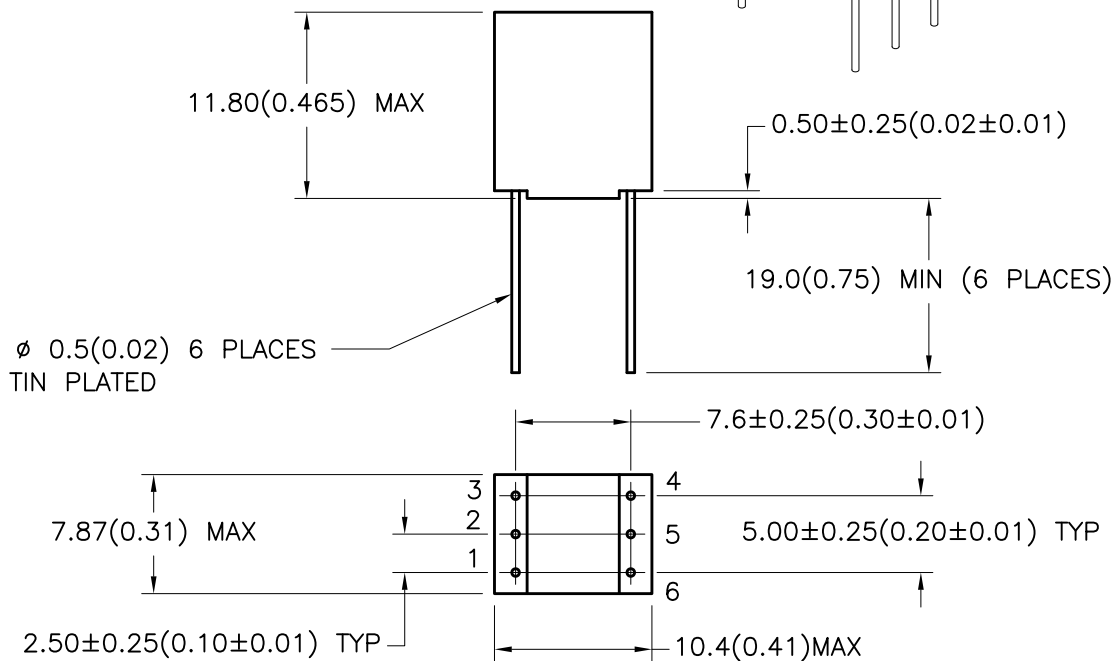
C. Schematic Diagram



PM7-M  
MICROTRAN  
TF5S21ZZ

Date code, and country of origin

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-A1-11461 ACAD\MET\A1114611.DWG	REV <b>B</b>
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AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**MET-03**  
MODEL SPECIFICATION

SAFETY ENGINEER  
B. O'CONNELL

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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DIM: mm(In)	SCL: 2/1	SH: 1 OF 1
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APPROVED:  
Y. SEKIGUCHI

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