

REV. Status

REVISION –
04/06/98 TS

REVISION A
ADDED RoHS
12/02/05 MP

REVISION B
ADDED TEMP
RATING
4/29/15 MP

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

MODEL NUMBER

MET-06



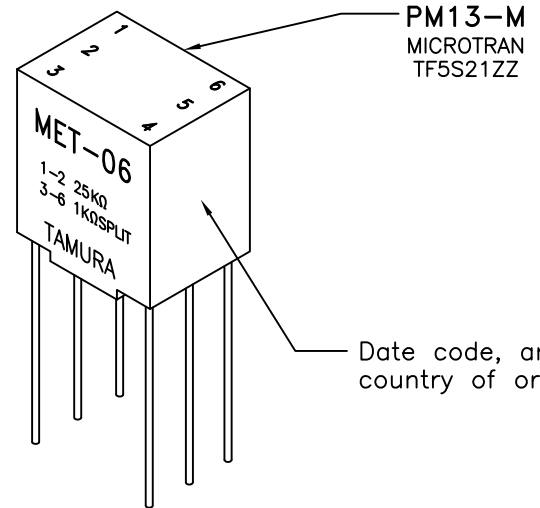
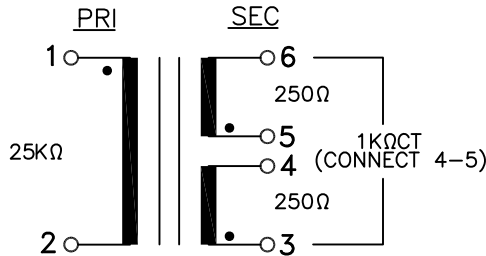
A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 25KΩ
2. Sec Load Impedance; 1KΩ SPLIT
3. Pri DC Current; 0.25mA MAX
4. Operating Level; 30mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
 - (1-2) 1600Ω ±20%
 - (3-6) 95Ω ±20%
8. Turns Ratio; (1-2) : (3-4) : (5-6) = 10.0 : 1.0 : 1.0 ±2%
9. Dielectric Strength; 60Hz 500Vrms 0.5 minute @ Pri – Sec

B. Marking; MET-06, TAMURA, Primary and Secondary Impedance, PM13-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Operating Temperature: -20 to +85°C
Storage Temperature: -55 to +105°C

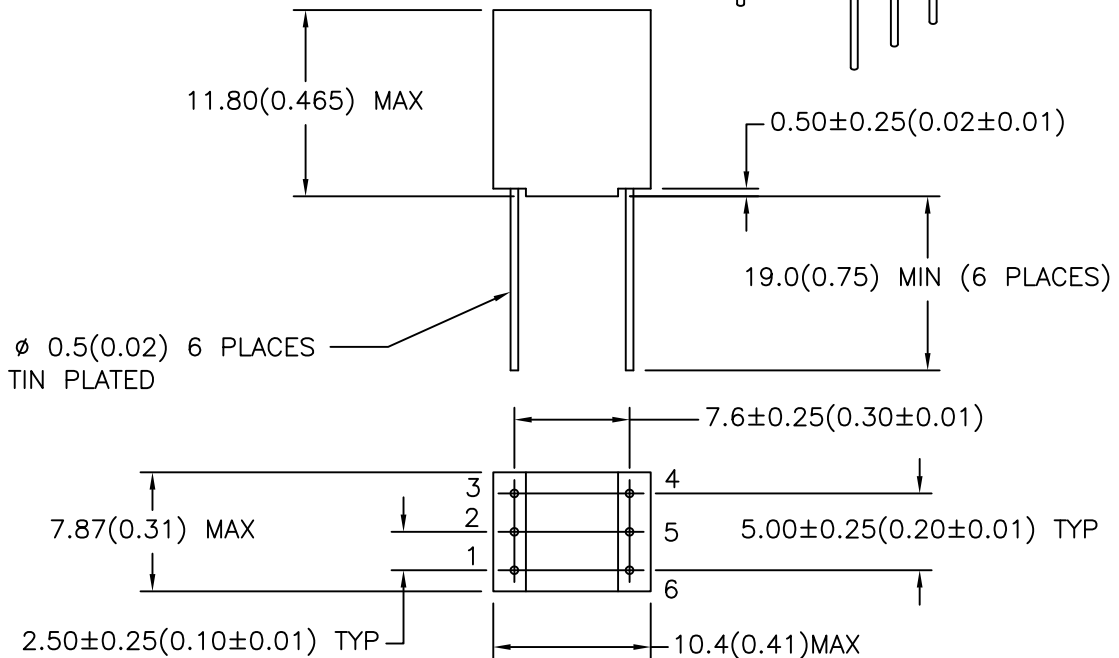
D. Schematic Diagram



PM13-M
MICROTRAN
TF5S21ZZ

Date code, and country of origin

E. Mechanical Specifications



TOLERANCES (mm)

≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO. P-A1-12002	REV B	MODEL DESCRIPTION AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MODEL SPECIFICATION MET-06
CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[In] SCL: 2/1 SH: 1 OF 1
APPROVED: M. PITCHAI			
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