REV. Status REVISION -

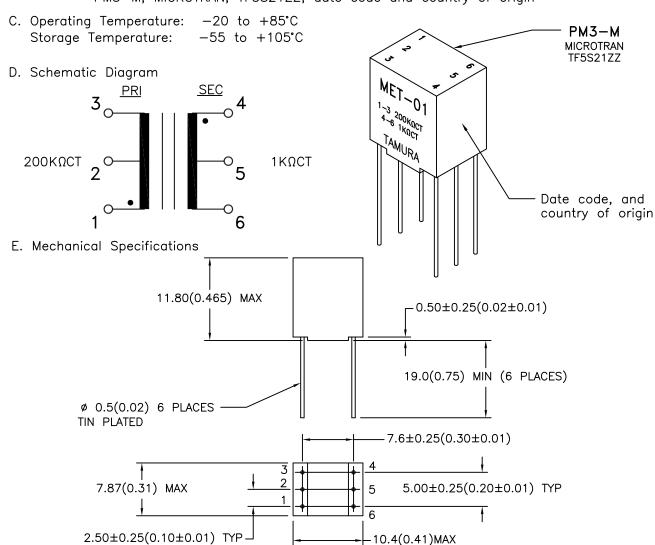
12/12/95 TS REVISION A ADDED RoHS 12/01/05 MP

REVISION B ADDED TEMP **RATING** 4/28/15 MP AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 10mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 200KΩCT WITH 1KΩCT LOAD ON SECONDARY.

- A. Electrical Specifications (@ 20°C)
 - 1. Pri Source Impedance; 200K Ω CT
 - 2. Sec Load Impedance; $1K\Omega$ CT
 - 3. Pri DC Current; 0 mA MAX
 - 4. Operating Level; 10mW 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) 5300 Ω ±20% (4-6) 120 Ω ±20%
 - 8. Turns Ratio; (1-3): (4-6) = 14.1 : 1 ±2%
 - 9. Dielectric Strength;

500 Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-01, TAMURA, Primary and Secondary Impedance, PM3-M, MICROTRAN, TF5S21ZZ, date code and country of origin



TOLERANCES (mm) 4 ± 0.2 $4 \le 20 \pm 0.3$ $20 \le 50 \pm 0.4$

PREPARED BY:

C. POPPE

ENGINEER:

MATHI P. SAFETY ENGINEER

DRAWING CONTROL NO. P-A1-11490

REV В

MODEL DESCRIPTION AUDIO COUPLING MINIATURE ENCAPSULATED

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE TAMURA CORPORATION OF AMERICA 1040 SQUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536

MODEL SPECIFICATION

MET-01

DIM: mm[In] SCL: 2/1

APPROVED: M. PITCHAI

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