REV. Status **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

REVISION C ADDED TEMP **RATING** 4/29/15 MP AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 25mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 50K Ω CT WITH 1K Ω CT LOAD ON SECONDARY.

- A. Electrical Specifications (@ 20 ° C)
 - 1. Pri Source Impedance; 50KΩ CT
 - 2. Sec Load Impedance; $1K\Omega$ 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:

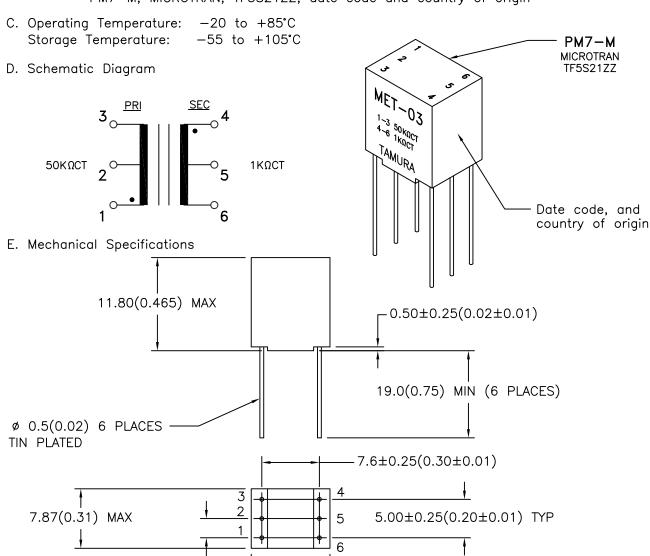
1-3) 3800Ω ±20% $(4-6) 105\Omega \pm 20\%$

- 8. Turns Ratio; (1-3): (4-6) = 7.07 : 1 ±2%
- 9. Dielectric Strength;

 $2.50\pm0.25(0.10\pm0.01)$ TYP -

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



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

C. POPPE

ENGINEER:	DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION			
MATHI P.	P-A1-11461	С	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MFT-03			
SAFETY ENGINEER	CONTENTS OF THIS DRAWING ARE TAMURA CORPORATION OF AMERICA				14121 00		
	SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[ln]	SCL: 2/1	SH: 1 OF	1
VDDDU/ED:							

APPROVED: M. PITCHAI

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-10.4(0.41)MAX