Date code, and

country of origin

REV. Status REVISION

11/08/95 TS REVISION A

ADDED RoHS 12/02/05 MP

REVISION B ADDED TEMP **RATING**

4/30/15 MP

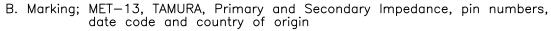
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10K Ω CT WITH 1.5K Ω CT LOAD ON SECONDARY.

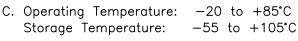
- A. Electrical Specifications (@ 20 ° C)
 - 1. Pri Source Impedance; 10KΩ CT
 - 2. Sec Load Impedance; $1.5K\Omega$ CT
 - 3. Pri DC Current; 1 mA MAX
 - 4. Operating Level; 40 mW MAX @ 300 Hz
 - 5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
 - 6. Longitudinal Balance: 60 dB MIN @ 1 KHz
 - 7. DC Resistance:

1-3) $1000 \Omega \pm 20\%$ (4-6) 260Ω ±20%

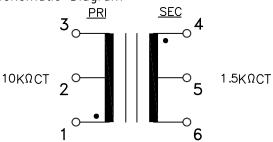
- 8. Turns Ratio; (1-3): (4-6) = 2.58 : 1 ±2%
- 9. Dielectric Strength;

500 Vrms 0.5 minute @ Pri - Sec



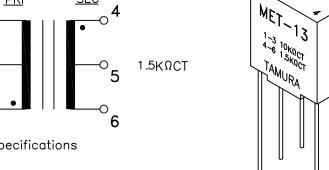


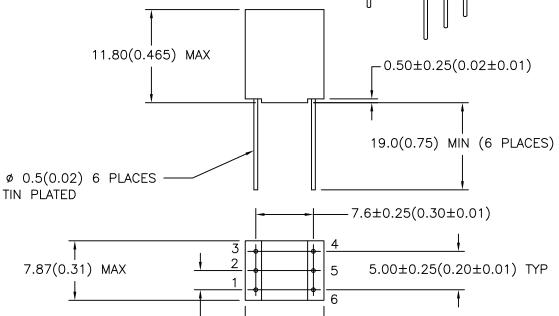
D. Schematic Diagram



E. Mechanical Specifications

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





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
			AUDIO COUPLING	
MATHI P.	P-A1-11452	В	MINIATURE ENCAPSULATED XFMR	MFT-13
SAFETY ENGINEER	CONTENTS OF THIS DRAWIN	C ADE	TAMURA CORPORATION OF AMERICA	
	CUDIENTS OF THIS DRAWIN	CARE		
	PRIOR NOTICE	IHOUI	1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[In] SCL: 2/1 SH: 1 0F 1
A DDDOVED.				

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-10.4(0.41)MAX