Date code, and

country of origin

REV. Status

REVISION -05/01/96 TS

REVISION A ADDED RoHS 12/05/05 MP

REVISION B ADDED TEMP **RATING** 5/6/15 MP

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 500Ω CT WITH 600Ω LOAD ON SECONDARY.

- A. Electrical Specifications (@ 20 ° C)
 - 1. Pri Source Impedance; 500ΩCT
 - 2. Sec Load Impedance; 600Ω
 - 3. Pri DC Current; 3 mA MAX
 - 4. Operating Level; 50 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:

 $1-3) 65\Omega \pm 20\%$ (4-5) 95Ω ±20%

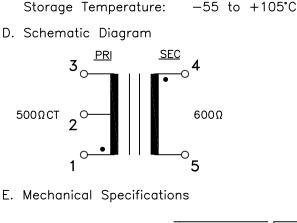
- 8. Turns Ratio; (1-3): (4-5) = 0.918 : 1 ±2%
- 9. Dielectric Strength;

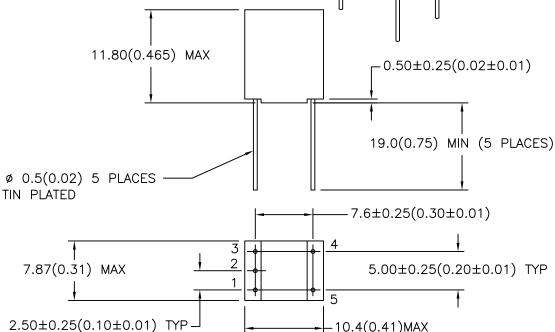
C. Operating Temperature:

60Hz 500Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-37, TAMURA, Primary and Secondary Impedance, date code and country of origin

-20 to +85°C





MET-37

1-3 5000CT T_{AMURA}

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

PREPARED BY:

C. POPPE

0 0				
ENGINEER:	DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
MATHI P.	P-A1-11638	В	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MFT-37
SAFETY ENGINEER	CONTENTS OF THIS DRAWIN	G ARE	TAMURA CORPORATION OF AMERICA	14121 07
	PRIOR NOTICE	ноот	1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[In] SCL: 2/1 SH: 1 0F 1
APPROVED:	PROPRIETARY MOTIOS THE PROMINE PRINT OF RECOUNTRY AND CHRIST MATTER PROPRIETARY AND PROPRIETARY ATTEMPTS.			

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