Date code, and

country of origin

REV. Status **REVISION** -04/03/98 TS

REVISION A ADDED RoHS 12/05/05 MP

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

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 900Ω CT WITH 600Ω LOAD ON SECONDARY.

- A. Electrical Specifications (@ 20°C)
 - 1. Pri Source Impedance; 900ΩCT
 - 2. Sec Load Impedance; 600Ω
 - 3. Pri DC Current; 3mA MAX
 - 4. Operating Level; 50mW MAX @ 300Hz
 - 5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
 - 6. Lonaitudinal Balance: 60dB MIN @ 1KHz
 - 7. DC Resistance:

 $1-3) 800 \pm 30\%$ (4-5) 95Ω ±20%

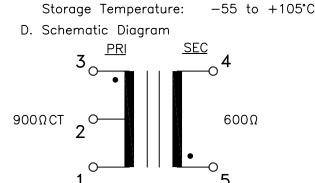
- 8. Turns Ratio; (1-3): (4-5) = 1.22 : 1 $\pm 2\%$
- 9. Dielectric Strength;

C. Operating Temperature:

60Hz 1KVrms 0.5 minute @ Pri - Sec

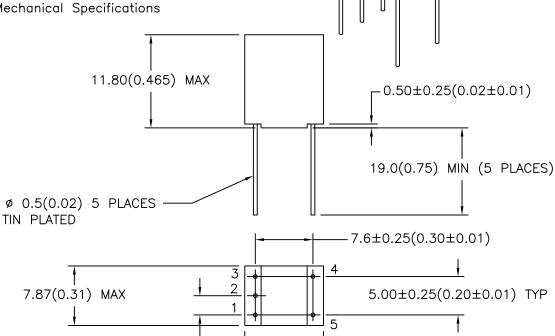
B. Marking; MET-29, TAMURA, Primary and Secondary Impedance, date code and country of origin

-20 to +85°C



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

E. Mechanical Specifications



MET-59 1-3 9000CT 4-5 6000 T_{AMURA}

-10.4(0.41)MAX

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-A1-11999	В	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MFT-29
SAFETY ENGINEER	ICONTENTS OF THIS DRAWIN	G ARE	TAMURA CORPORATION OF AMERICA	
	PRIOR NOTICE	THOUT	1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[In] SCL: 2/1 SH: 1 0F 1
ADDDOVED.				

APPROVED: M. PITCHAI PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.