

REV. Status

REVISION -
04/03/98 TSREVISION A
ADDED RoHS
12/05/05 MPREVISION 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 600ΩCT WITH 3.2Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)

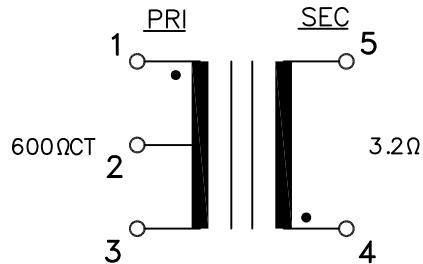
1. Pri Source Impedance; 600ΩCT
2. Sec Load Impedance; 3.2 Ω
3. Pri DC Current; 4.5mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 60Ω ±20%
(4-5) 0.7Ω ±20%
8. Turns Ratio; (1-3) : (4-5) = 13.7 : 1 ±2%
9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri - Sec



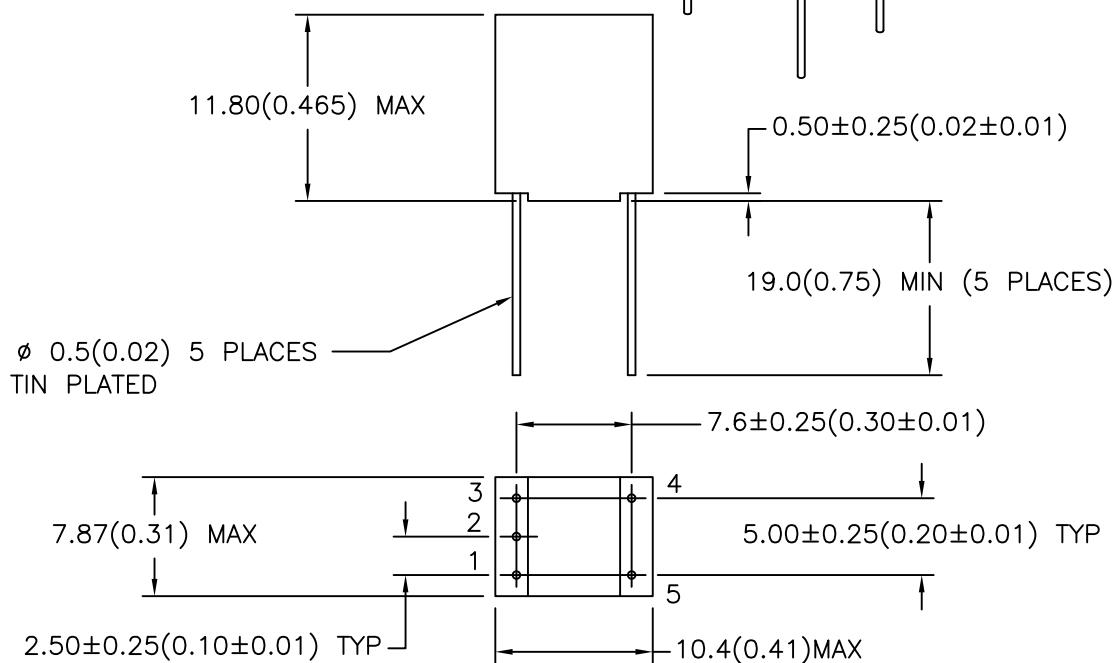
B. Marking; MET-36, TAMURA, Primary and Secondary Impedance, date code and country of origin

C. Operating Temperature: -20 to +85°C
Storage Temperature: -55 to +105°C

D. Schematic Diagram



E. Mechanical Specifications



TOLERANCES (mm)	
≤ 4 ± 0.2	
4 ≤ 20 ± 0.3	
20 ≤ 50 ± 0.4	

PREPARED BY:

C. POPPE

ENGINEER:	DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
MATHI P.	P-A1-12012	B	AUDIO COUPLING MINIATURE ENCAPSULATED XFRMR	MET-36
SAFETY ENGINEER	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[in] SCL: 2/1 SH: 1 OF 1
APPROVED:	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.			
M. PITCHAI				

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Tamura:](#)

[MET-36](#)