

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 900ΩCT 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. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 80Ω ±30%
(4-5) 95Ω ±20%
8. Turns Ratio; (1-3) : (4-5) = 1.22 : 1 ±2%
9. Dielectric Strength;
60Hz 1KVrms 0.5 minute @ Pri – Sec



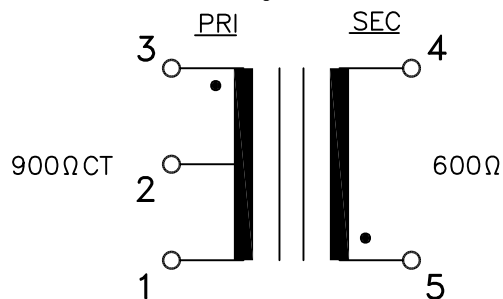
MODEL NUMBER

MET-29

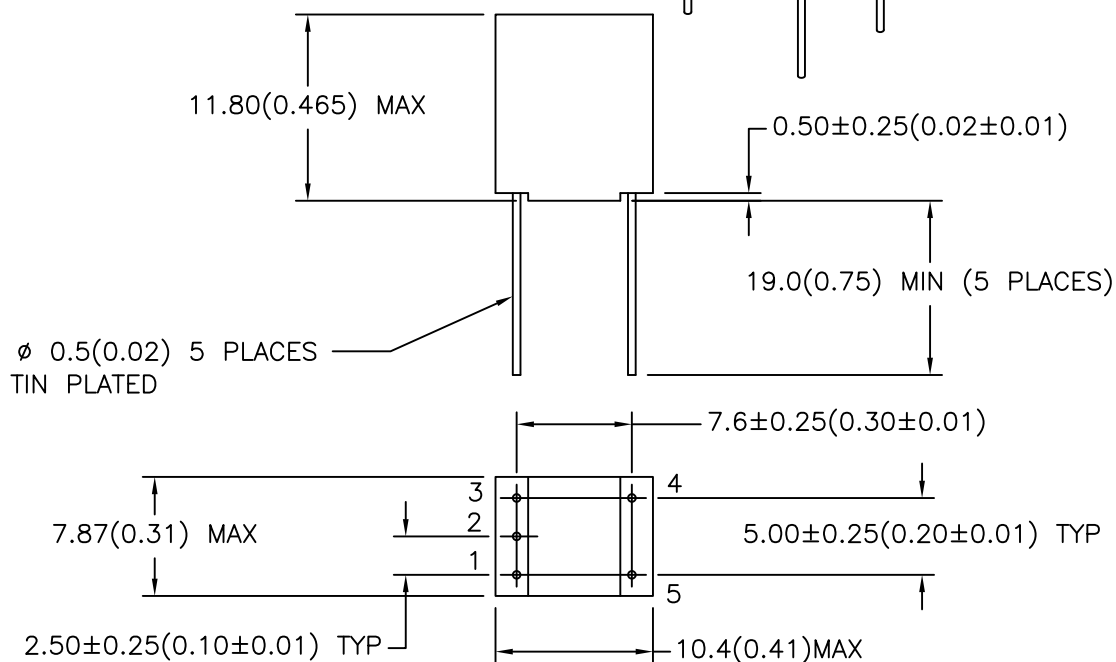
B. Marking; MET-29, TAMURA, Primary and Secondary Impedance, date code and country of origin

- 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-A1-11999	B	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MET-29
SAFETY ENGINEER	TAMURA CORPORATION OF AMERICA			DIM: mm[In] SCL: 2/1 SH: 1 OF 1
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