

REV. Status
REVISION – 04/03/98 TS
REVISION A ADDED RoHS 12/02/05 MP
REVISION B ADDED TEMP RATING 5/4/15 MP

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 8KΩCT WITH 3.2Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)

- Pri Source Impedance; 8KΩCT
- Sec Load Impedance; 3.2Ω
- Pri DC Current; 1mA MAX
- Operating Level; 40mW MAX @ 300Hz
- Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
- Longitudinal Balance; 60dB MIN @ 1KHz
- DC Resistance;
  - (1–3) 1000Ω ±30%
  - (4–5) 0.8Ω ±30%
- Turns Ratio; (1–3) : (4–5) = 50 : 1 ±2%
- Dielectric Strength;
  - 60Hz 500Vrms 0.5 minute @ Pri – Sec



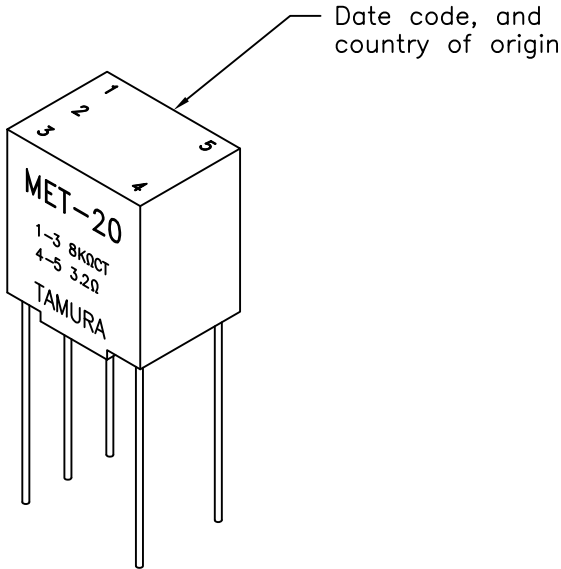
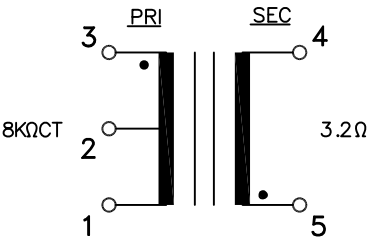
MODEL NUMBER

MET-20

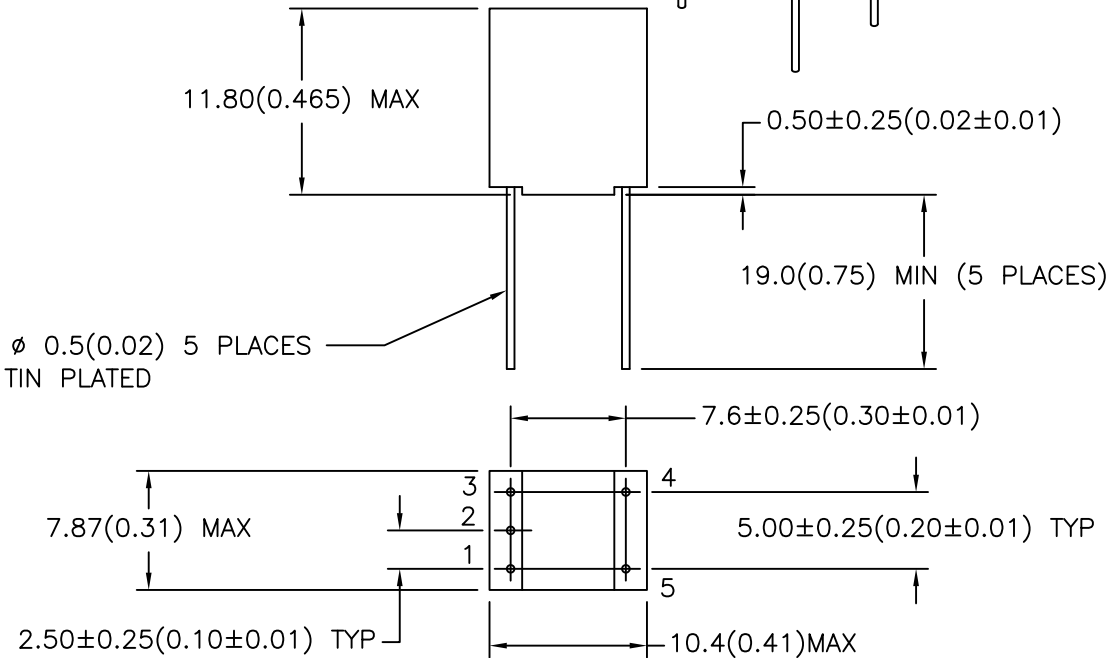
B. Marking; MET-20, TAMURA, Primary and Secondary Impedance, date code, and country of origin

- 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-A1-11998	B	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MET-20
SAFETY ENGINEER	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE <b>TAMURA CORPORATION OF AMERICA</b> 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536			DIM: mm[In] SCL: 2/1 SH: 1 OF 1
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M. PITCHAI				