

REVISION - 12/17/01 YS
REVISION A CHANGED PIN MARKING 07/10/02 YS
REVISION B CHANGED PIN LENGTH 11/06/02 YS
REVISION C ADDED RoHS 12/08/05 MP

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 10mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩ WITH 125Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)

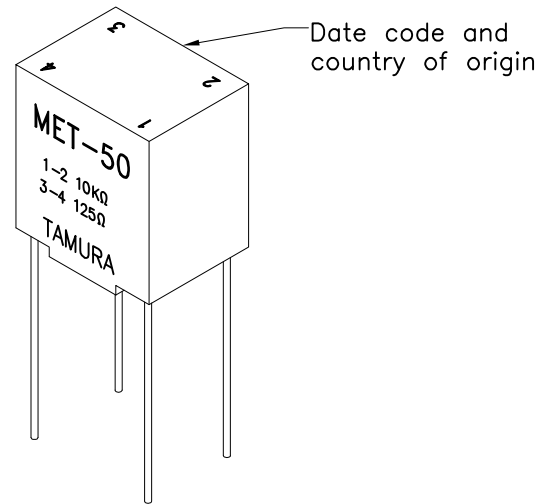
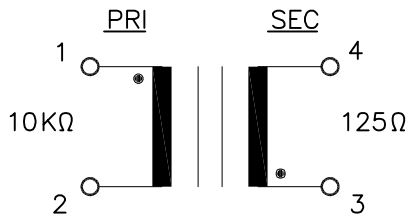
- Pri Source Impedance; 10KΩ
- Sec Load Impedance; 125Ω
- Pri DC Current; 0mA MAX
- Operating Level; 10mW MAX @ 300Hz
- Frequency Response (relative to 1KHz); ±3.0dB, @ 300Hz to 20KHz
- Distortion; 5% MAX @ 300Hz, 10dBm
- DC Resistance; (1-2) 1100Ω ±30% (3-4) 28Ω ±30%
- Turns Ratio; (1-2) : (3-4) = 8.62 : 1 ±3%
- Dielectric Strength; 500Vrms 0.5 minute @ Pri - Sec



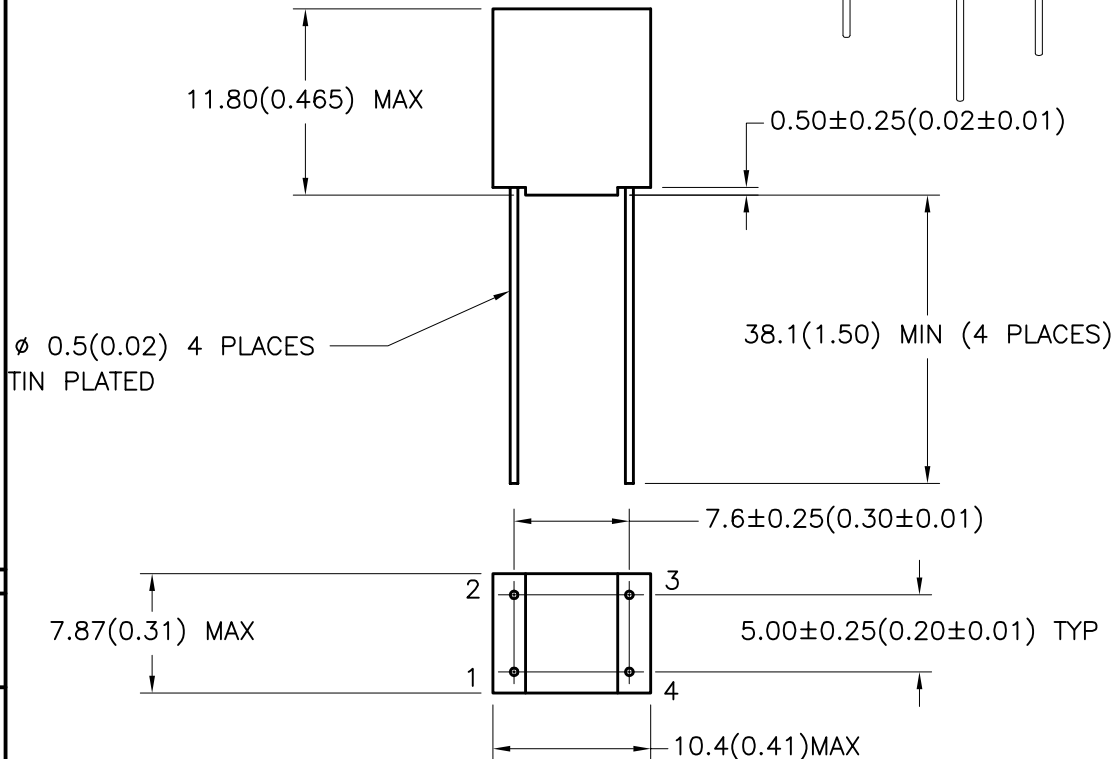
MODEL NUMBER
MET-50

B. Marking; MET-50, TAMURA, Primary and Secondary Impedance, pin numbers, 196-date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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

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ENGINEER:
M. PITCHAI

DWG CONTROL NO. P-A1-12968
ACAD\MET\A1129681.DWG

REV C
AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

MET-50
MODEL SPECIFICATION

QUALITY CONTROL:
T. CLEM

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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DIM: mm(In) SCL: 2/1 SH: 1 OF 1

APPROVED:

Y. SEKIGUCHI

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