REV. Status

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

REVISION D ADDED GOLD **PLATED** 6-22-09 MP

PREPARED BY: E. BRINER

M. PITCHAI

SAFETY ENGINEER:

B.O.

T. BROOKS

CONTENTS OF THIS DRAWING ARE

SUBJECT TO CHANGE CONTROL

**ENGINEER:** 

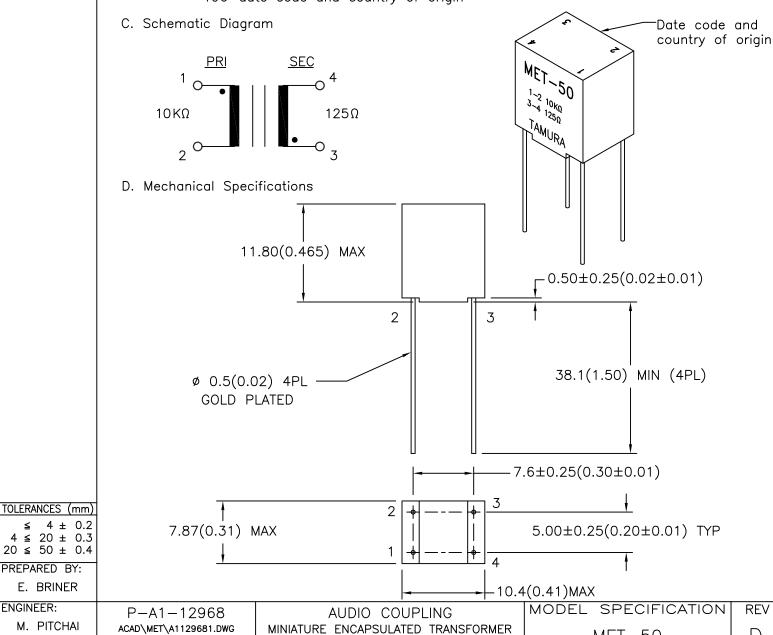
APPROVED:

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

- A. Electrical Specifications (@ 20°C)
  - 1. Pri Source Impedance;  $10K\Omega$
  - 2. Sec Load Impedance; 125Ω
  - Pri DC Current; OmA MAX
  - 4. Operating Level; 10mW MAX @ 300Hz
  - 5. Frequency Response (relative to 1KHz); ±3.0dB, @ 300Hz to 20KHz
  - 6. Distortion; 5% MAX @ 300Hz, 10dBm
  - 7. DC Resistance:

(1-2) 1100Ω ±30% (3-4) 28Ω ±30%

- 8. Turns Ratio; (1-2): (3-4) = 8.62 : 1 ±3%
- 9. Dielectric Strength;
- 500Vrms 0.5 minute @ Pri Sec
- B. Marking; MET-50, TAMURA, Primary and Secondary Impedance, pin numbers, 196—date code and country of origin



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MET-50

SCL:

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SHT 1 OF 1