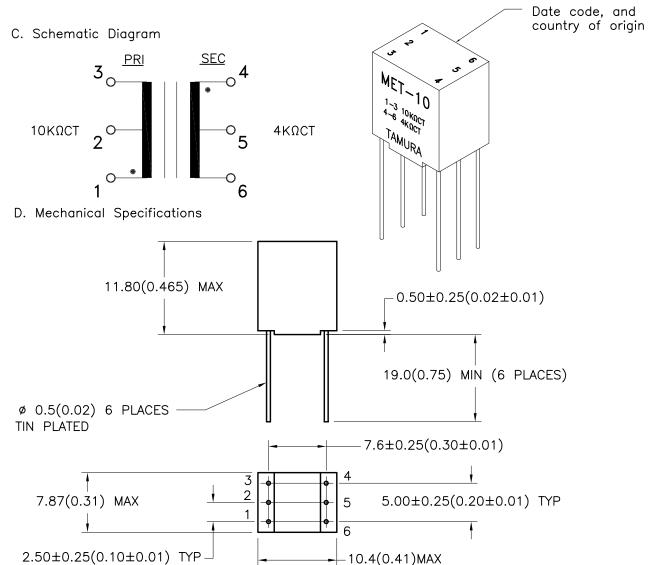


REVISION -09/01/95 TS

REVISION A ADDED RoHS 12/01/05 MP TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 4KΩCT LOAD ON SECONDARY.

- A. Electrical Specifications (@ 20°C)
  - 1. Pri Source Impedance; 10KΩ CT
  - 2. Sec Load Impedance;  $4K\Omega$  CT
  - 3. Pri DC Current; 1 mA MAX
  - 4. Operating Level; 40 mW MAX @ 300 Hz
  - 5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
  - 6. Longitudinal Balance: 60 dB MIN @ 1 KHz
  - 7. DC Resistance;
    - $1-3) 1000 \Omega \pm 20\%$ (4-6) 500Ω ±20%
  - 8. Turns Ratio; (1-3): (4-6) = 1.58 : 1 ±2%
  - 9. Dielectric Strength;
    - 500 Vrms 0.5 minute @ Pri Sec
- B. Marking; MET—10, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin



TOLERANCES (mm)  $4 \pm 0.2$  $4 \le 20 \pm 0.3$  $20 \le 50 \pm 0.4$ 

PREPARED BY:

K. BRENNAN

**ENGINEER:** DWG CONTROL NO.|REV M. PITCHAI QUALITY CONTROL:

T. CLEM

ACAD\MET\A1114051.DWG CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT SUBJECT TO (

P-A1-11405

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER

TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482

MET-10MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1 SH: 1 0F

APPROVED:

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