

REV. Status

REVISION A REVISED AND REDRAWN ON CAD/CAM 03/28/96 TS

REVISION B ADDED RoHS 12/05/05 MP AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600Ω WITH 600Ω CT, 150Ω SPLIT LOAD ON SECONDARY.

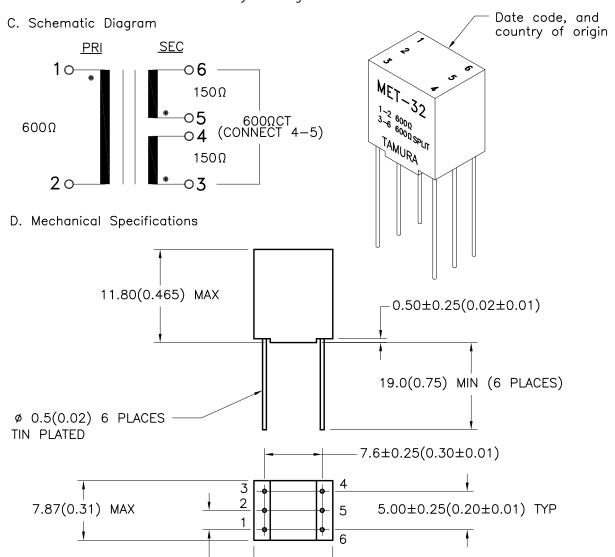
- A. Electrical Specifications (@ 20 ° C)
 - 1. Pri Source Impedance; 600Ω
 - 2. Sec Load Impedance; 600Ω CT, 150Ω SPLIT
 - 3. Pri DC Current; 3 mA MAX
 - 4. Operating Level; 50 mW MAX @ 300 Hz
 - 5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
 - 6. Longitudinal Balance: 60 dB MIN @ 1 KHz
 - 7. DC Resistance;

(1-2) $70 \Omega \pm 20\%$ (3-6) $95 \Omega \pm 20\%$

- 8. Turns Ratio; (1-2): (3-4): (5-6) = 2 : 1.00 : 1.00 ±2%
- 9. Dielectric Strength;

1000 Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-32, TAMURA, Primary and Secondary Impedance, date code and country of origin



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

PREPARED BY:

K. BRENNAN

ENGINEER: DWG CONTROL NO. REV
P-A1-10329
M. PITCHAI ACAD\MET\A1103291.DWG B
QUALITY CONTROL: CONTENTS OF THE PRAYUNG ADD

T. CLEM

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

 $2.50\pm0.25(0.10\pm0.01)$ TYP

AUDIO COUPLING

MINIATURE ENCAPSULATED TRANSFORMER

TAMURA CORPORATION OF AMERICA

-10.4(0.41)MAX

TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482 MET-32

MODEL SPECIFICATION

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

APPROVED:

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