

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 1.2KΩ WITH 3.2Ω LOAD ON SECONDARY.

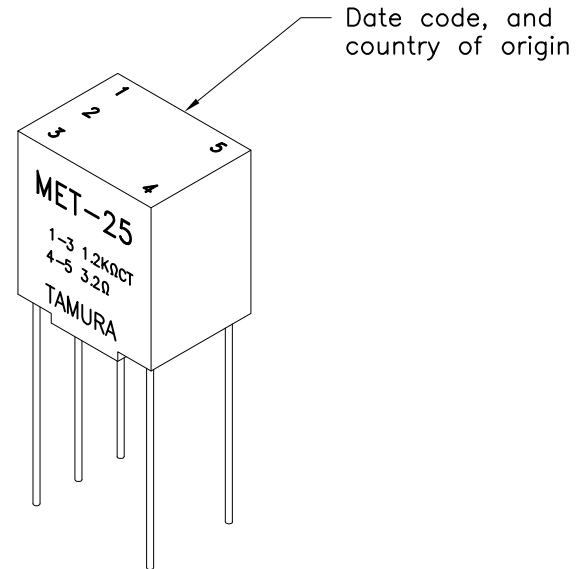
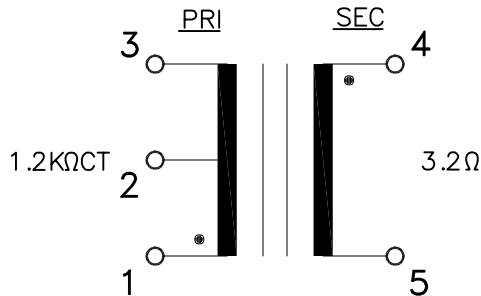
A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance 1.2K Ω CT
2. Sec Load Impedance; 3.2 Ω
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;
 - (1-3) 125 Ω ±20%
 - (4-5) 0.7 Ω ±20%
8. Turns Ratio; (1-3) : (4-5) = 19.4 : 1 ±2%
9. Dielectric Strength; 500 Vrms 0.5 minute @ Pri - Sec

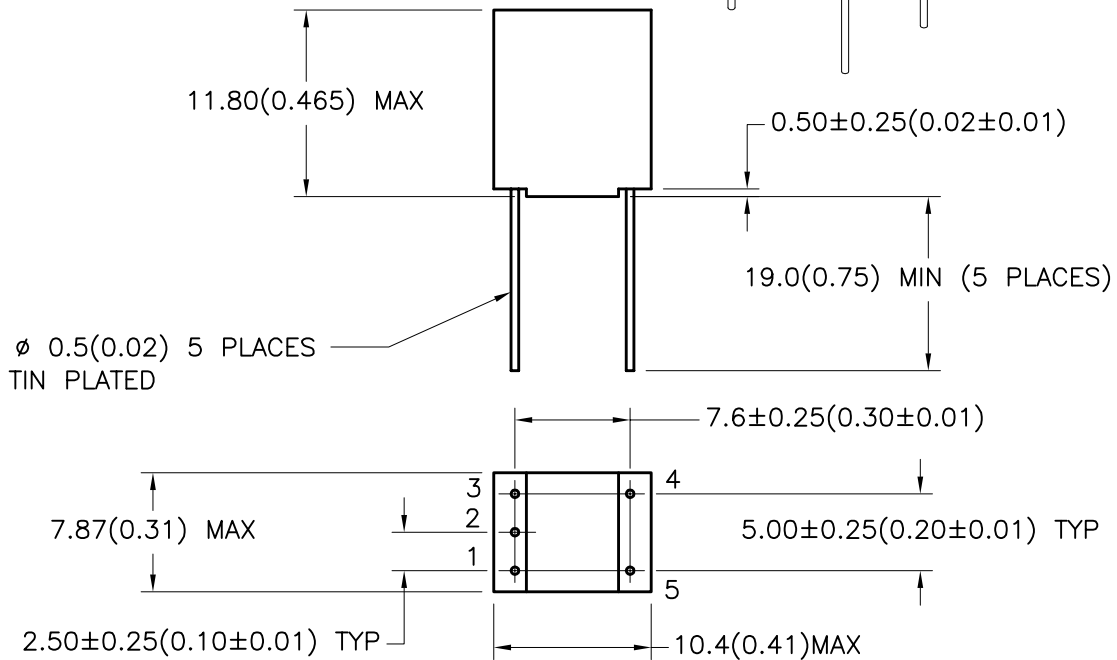


B. Marking; MET-25, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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

PREPARED BY:
K. BRENNAN

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|-----------------------------|--|----------|--|--------------------------------------|--|
| ENGINEER: M. PITCHAI | DWG CONTROL NO. P-A1-11319 ACAD\MET\A1113191.DWG | REV A | AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER | MET-25 MODEL SPECIFICATION | |
| QUALITY CONTROL: T. CLEM | CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE | | TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482 | | |
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