

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 1KΩ WITH 50Ω LOAD ON SECONDARY.

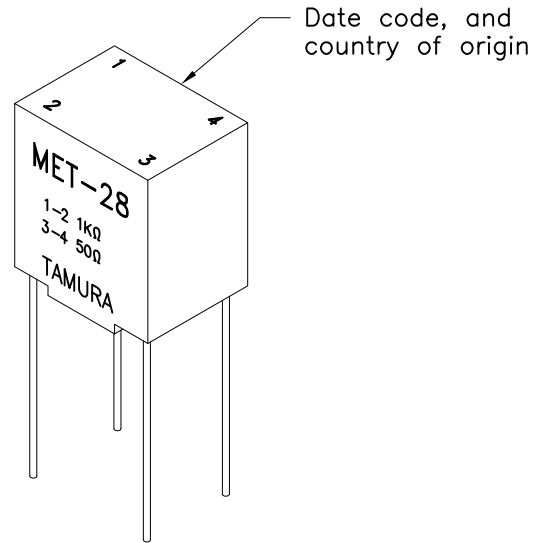
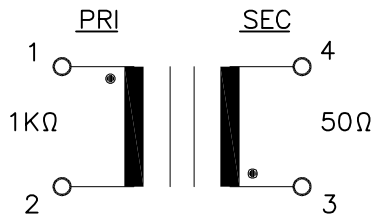
A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 1KΩ
2. Sec Load Impedance; 50Ω
3. Pri DC Current; 3mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
 - (1-2) 110Ω ±20%
 - (3-4) 8.0Ω ±20%
8. Turns Ratio; (1-2) : (3-4) = 4.47 : 1 ±2%
9. Dielectric Strength;
 - 500 Vrms 0.5 minute @ Pri - Sec

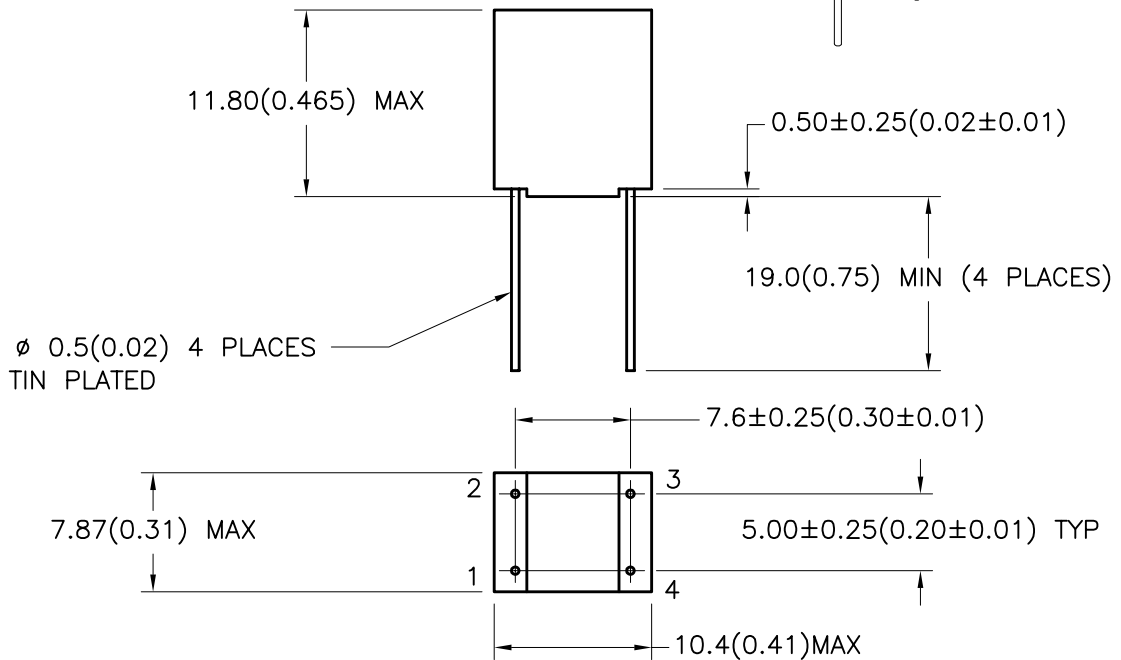


B. Marking; MET-28, TAMURA, Primary and Secondary Impedance, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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

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ENGINEER:

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QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

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|--------------------------------------------------------|-----------------|
| DWG CONTROL NO. P-A1-12010 ACAD\MET\A1120101.DWG | REV A |
|--------------------------------------------------------|-----------------|

AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-28

MODEL SPECIFICATION

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

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