

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10K Ω WITH 3.2 Ω LOAD ON SECONDARY.

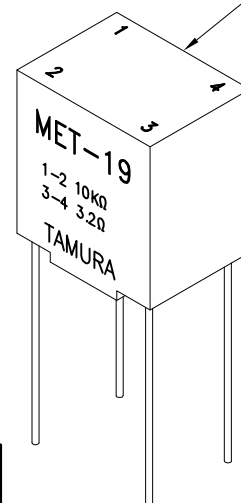
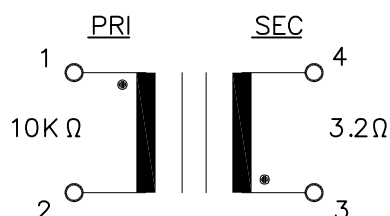
A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 10K Ω
2. Sec Load Impedance; 3.2 Ω
3. Pri DC Current; 0.5mA MAX
4. Operating Level; 40mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
 ± 2.0 dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-2) 1200 Ω $\pm 20\%$
(3-4) 0.8 Ω $\pm 20\%$
8. Turns Ratio; (1-2) : (3-4) = 55.95 : 1 $\pm 2\%$
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

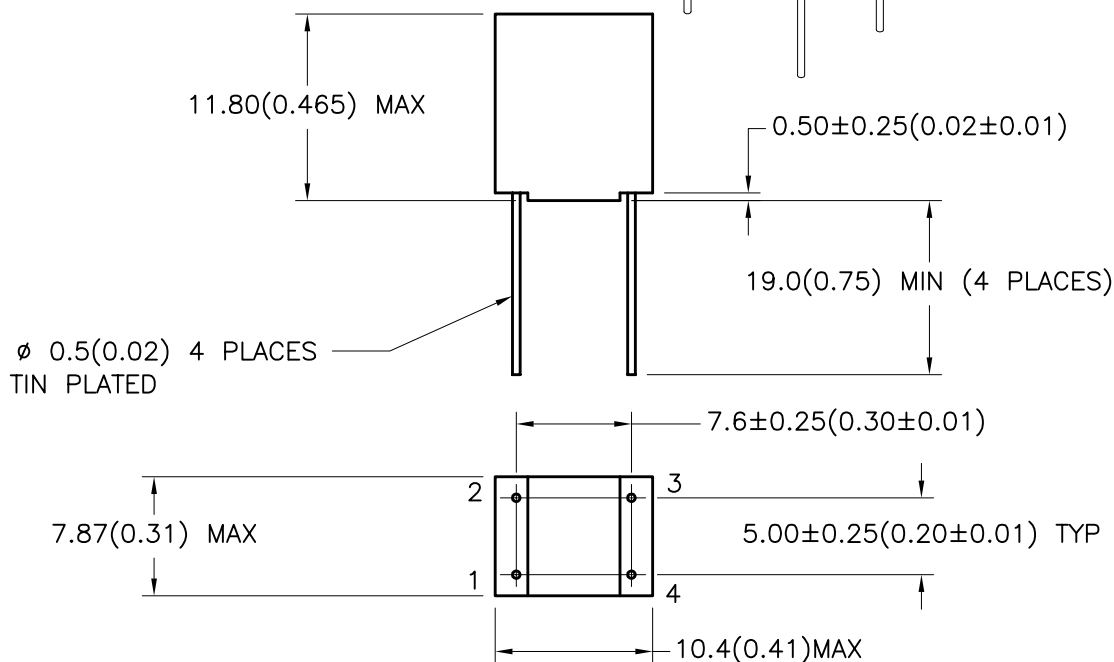


B. Marking; MET-19, TAMURA, Primary and Secondary Impedance, date code and country of origin

C. Schematic Diagram


Date code, and
country of origin

D. Mechanical Specifications



TOLERANCES (mm)

≤ 4	± 0.2
$4 \leq 20$	± 0.3
$20 \leq 50$	± 0.4

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APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12006
ACAD\MET\A1120061.DWG

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-19

MODEL SPECIFICATION

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

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