

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 5K Ω CT WITH 2K Ω CT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 5K Ω CT
2. Sec Load Impedance; 2K Ω CT
3. Pri DC Current; 1.0mA 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;
(1-3) 490 Ω $\pm 20\%$
(4-6) 300 Ω $\pm 20\%$
8. Turns Ratio; (1-3) : (4-6) = 1.58 : 1 $\pm 2\%$
9. Dielectric Strength;
500 Vrms 0.5 minute @ Pri - Sec

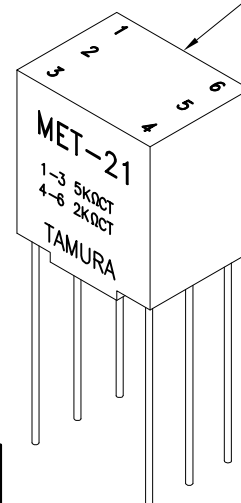
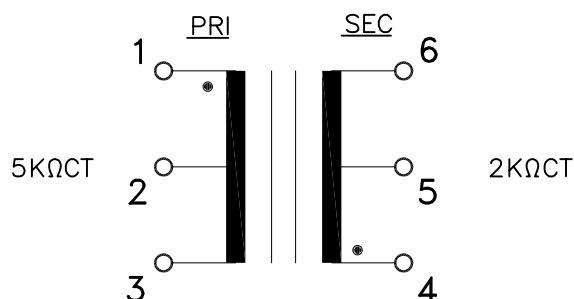


MODEL NUMBER

MET-21

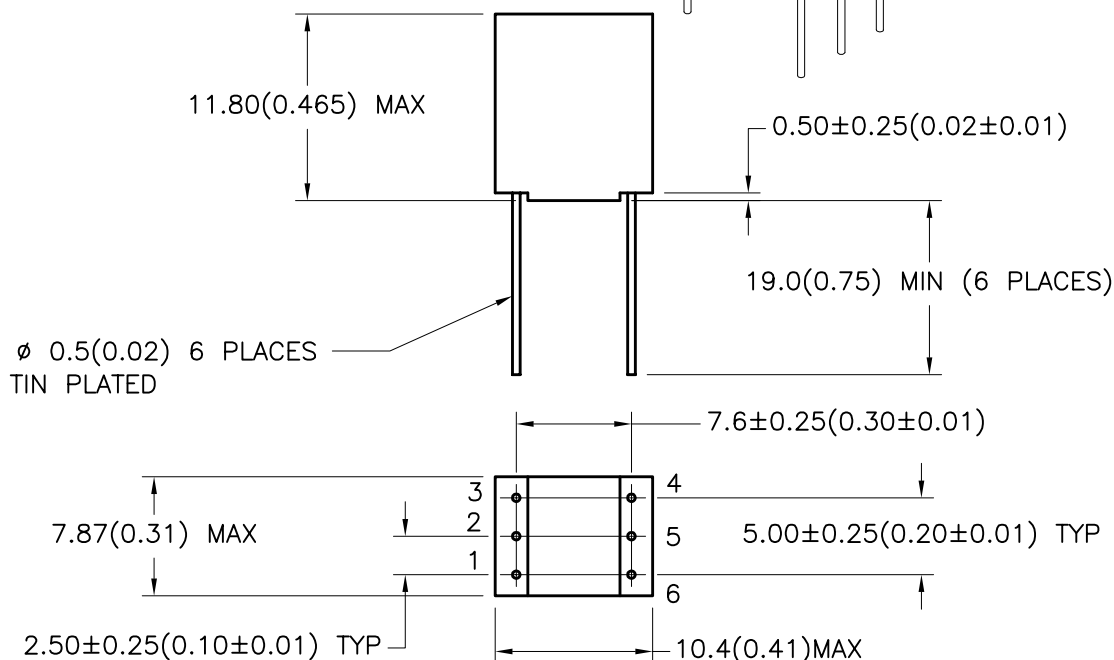
B. Marking; MET-21, TAMURA, Primary and Secondary Impedance, date code and country of origin

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

PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12007
ACAD\MET\A1120071.DWG

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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

MET-21

MODEL SPECIFICATION

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

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