

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

MODEL NUMBER  
**MET-21**

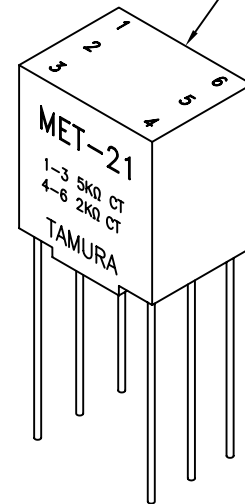
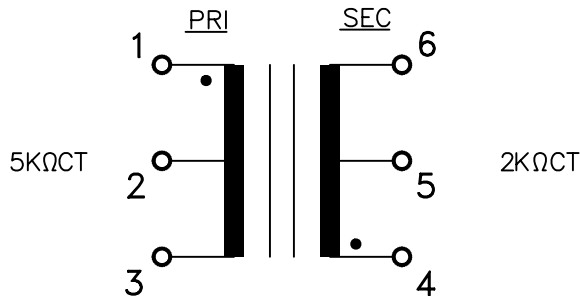
A. Electrical Specifications (@ 20° C)

1. Pri Source Impedance; 5KΩCT
2. Sec Load Impedance; 2KΩCT
3. Pri DC Current; 1.0mA MAX
4. Operating Level; 40mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);  
±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;  
(1-3) 490Ω ±20%  
(4-6) 300Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 1.58 : 1 ±2%
9. Dielectric Strength;  
500 Vrms 0.5 minute @ Pri - Sec

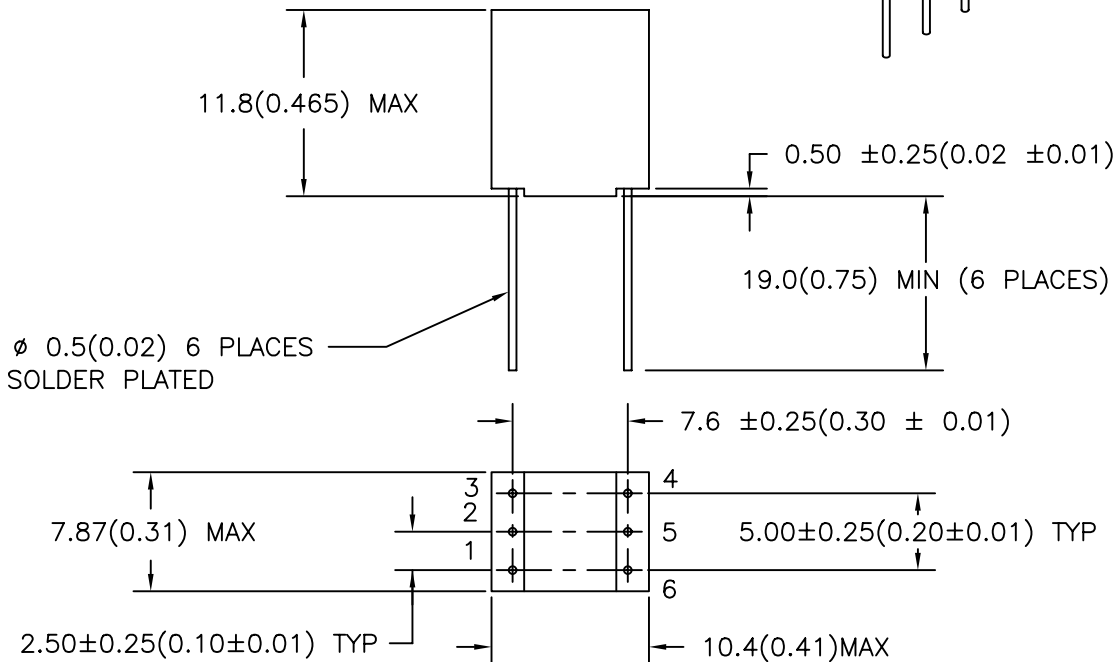
B. Marking; MET-21, TAMURA, Primary and Secondary Impedance, date code and country of origin

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:

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ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

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

REV  
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AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

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**MET-21**

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

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