

REV. Status
REVISION -
04/03/98 TS

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 8KΩCT WITH 3.2Ω LOAD ON SECONDARY.

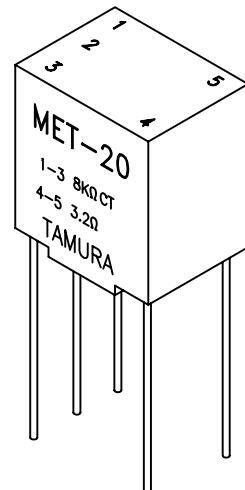
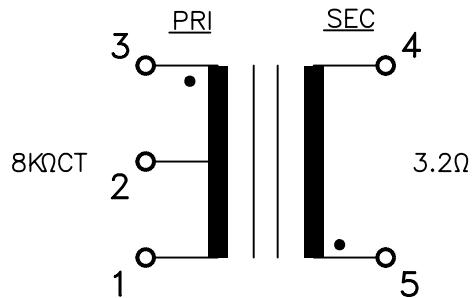
MODEL NUMBER
MET-20

A. Electrical Specifications (@ 20°C)

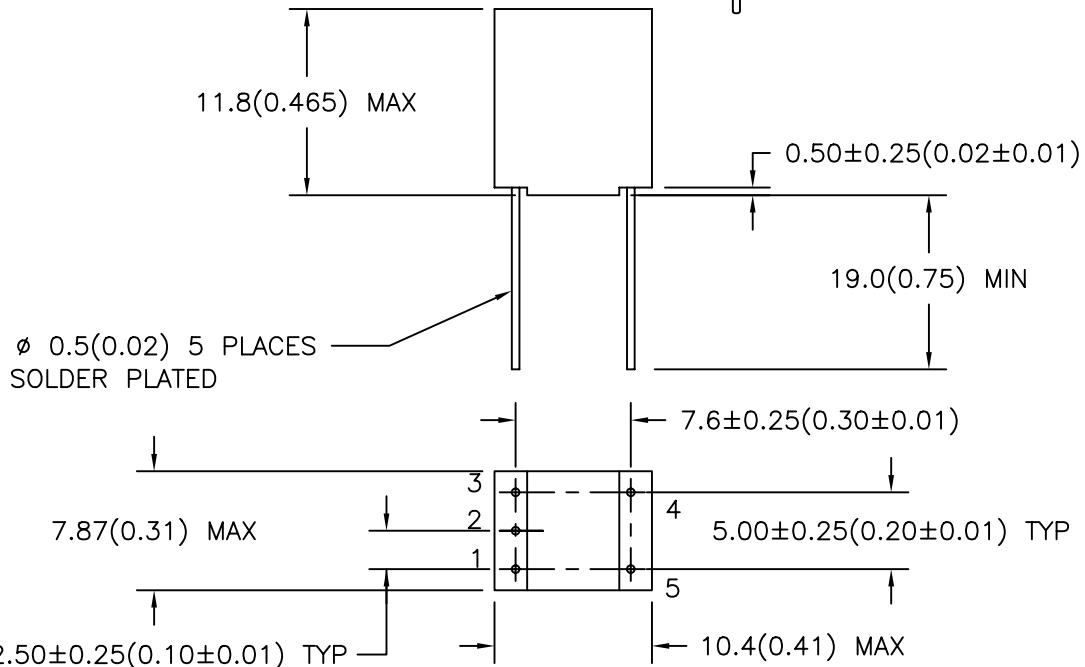
1. Pri Source Impedance; 8KΩCT
2. Sec Load Impedance; 3.2Ω
3. Pri DC Current; 1mA MAX
4. Operating Level; 40mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 1000Ω ±30%
(4-5) 0.8Ω ±30%
8. Turns Ratio; (1-3) : (4-5) = 50 : 1 ±2%
9. Dielectric Strength;
60Hz 500Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-20, 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	

PREPARED BY:

D. Kelley

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO. REV
P-A1-11998
ACAD\MET\A1119981.DWG —

AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

MET-20
MODEL SPECIFICATION

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

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