

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 8K $\Omega$ CT WITH 3.2 $\Omega$  LOAD ON SECONDARY.

#### A. Electrical Specifications (@ 20°C)

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

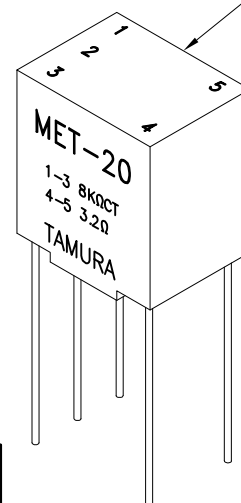
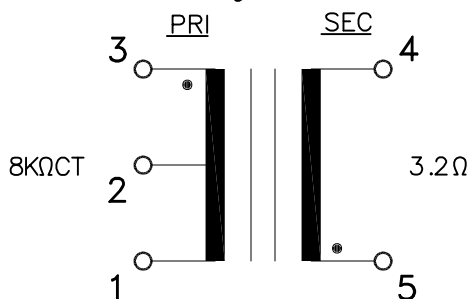


MODEL NUMBER

MET-20

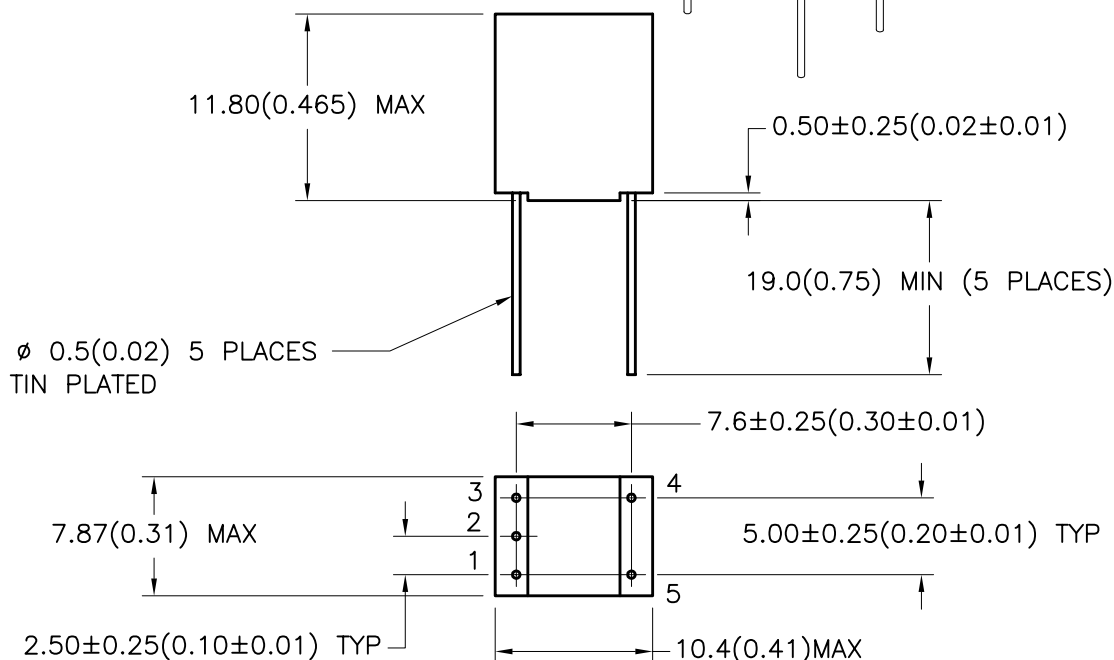
#### B. Marking; MET-20, TAMURA, Primary and Secondary Impedance, date code and country of origin

#### C. Schematic Diagram



Date code, and country of origin

#### D. Mechanical Specifications



#### TOLERANCES (mm)

$\leq 4$	$\pm 0.2$
$4 \leq 20$	$\pm 0.3$
$20 \leq 50$	$\pm 0.4$

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QUALITY CONTROL:

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APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.

P-A1-11998

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AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

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MET-20

MODEL SPECIFICATION

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

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