

REV. Status

ISSUE 1  
1/20/95 TS

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ISSUE 2  
ADDED PM35-M  
MICROTRAN  
10/27/95 TS

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 500Ω WITH 50Ω LOAD ON SECONDARY.

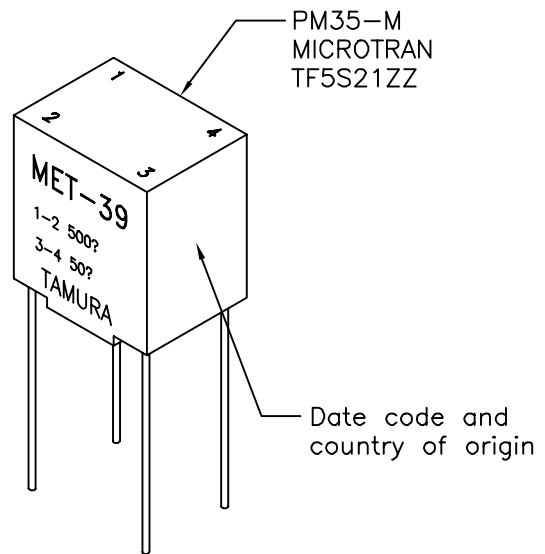
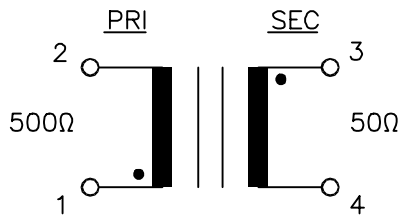
MODEL NUMBER  
**MET-39**

A. Electrical Specifications (@ 20 ° C)

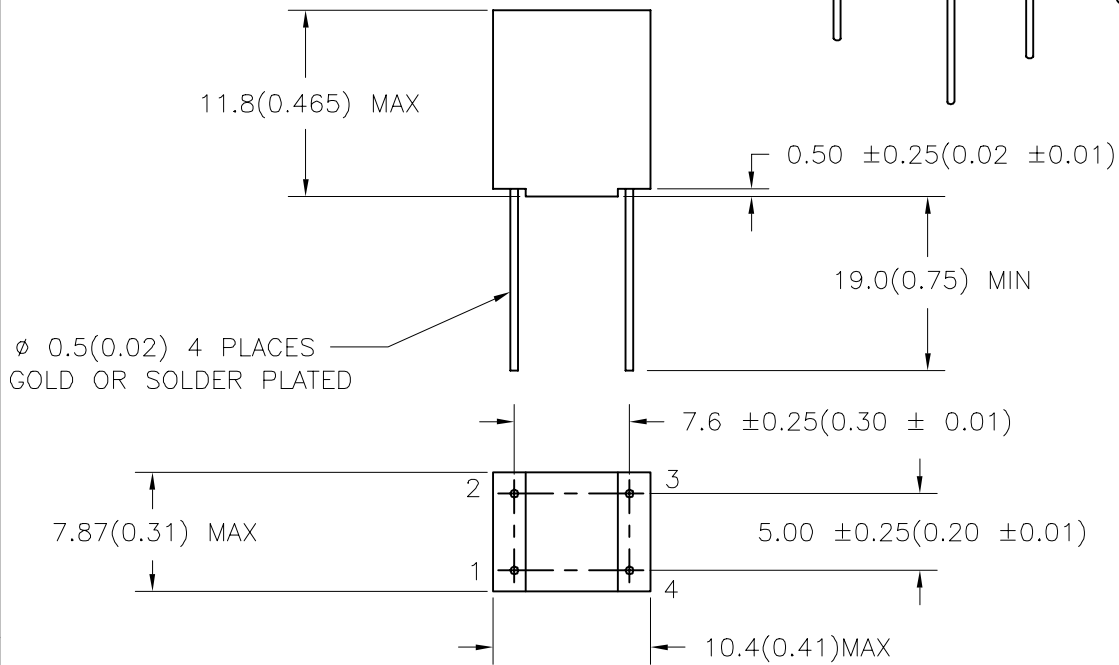
1. Pri Source Impedance; 500Ω
2. Sec Load Impedance; 50Ω
3. Pri DC Current; 3 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz);  
±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;  
(1-2) 55Ω ±20%  
(3-4) 8Ω ±20%
8. Turns Ratio; (1-2) : (3-4) = 3.16 : 1.00 ±2%
9. Dielectric Strength;  
500 Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-39, TAMURA, Primary and Secondary Impedance, pin numbers, PM35-M, MICROTRAN, TF5S21ZZ, 196-date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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APPROVED:

V. Casey

DWG CONTROL NO.  
P-A1-11233  
ACAD\XFMR\A112331.DWG

REV  
A

AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

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**MET-39**

MODEL SPECIFICATION

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

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