

TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600Ω WITH 600Ω LOAD ON SECONDARY.

REV. Status

REVISION B 01/30/92 TS
REVISION C TEMECULA WAS CARSON ADDED PM32-M & MICROTRAN 11/06/05 TS
REVISION D REV'D TITLE 03/07/96 TS
REVISION E ADDED RoHS 12/08/05 MP
REVISION F NOTE 5: DELETED DC3mA 05/05/06 MP

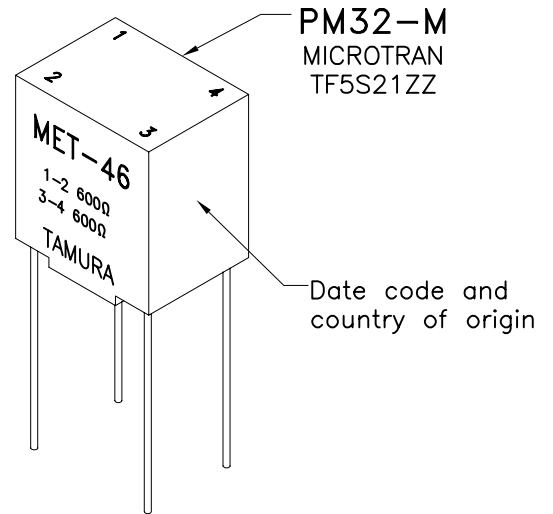
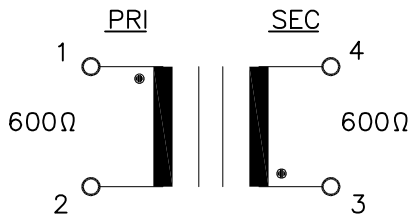
A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 3 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz); ±1.0 dB, @ 300 Hz to 3.5 KHz, 0dBm
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance; (1-2) 85Ω MAX (3-4) 110Ω MAX
8. Turns Ratio; (1-2) : (3-4) = 1 : 1.00 ±2
9. Dielectric Strength; 1500 Vrms (10 mA peak MAX) 1 minute @ Pri - Sec

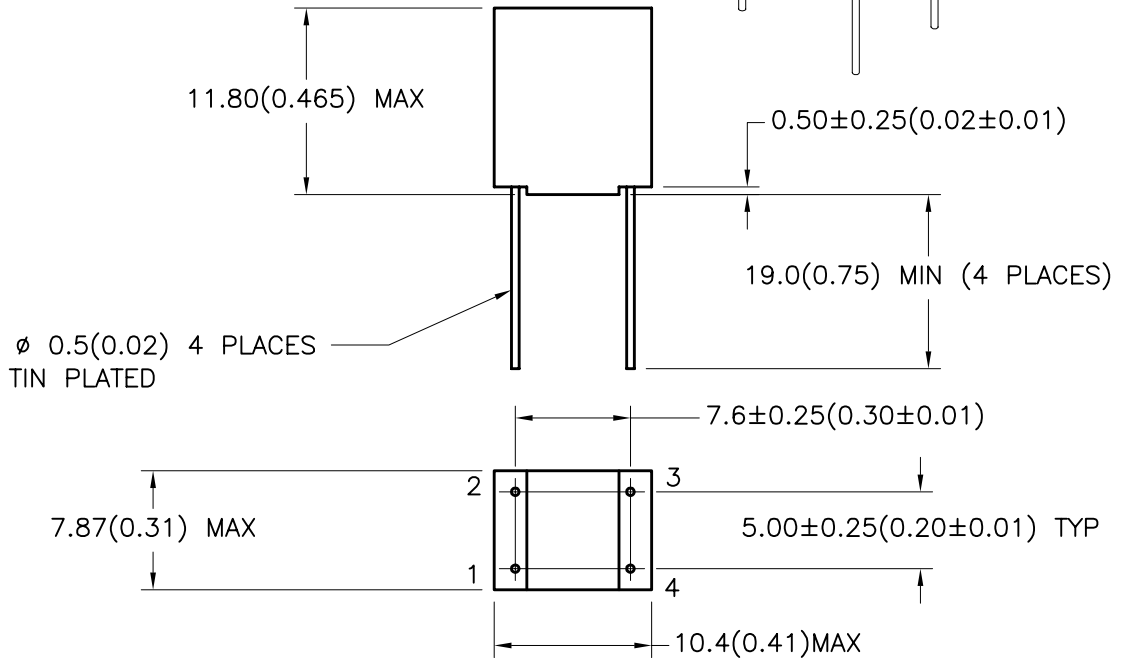


B. Marking; MET-46, TAMURA, Primary and Secondary Impedance, pin numbers, PM32-M, MICROTRAN, TF5S21ZZ, 196-date code and country of origin

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:  
M. PITCHAI

DWG CONTROL NO. P-A1-10302  
ACAD\MET\A1103021.DWG

REV F  
AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**MET-46**  
MODEL SPECIFICATION

QUALITY CONTROL:  
T. CLEM

CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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

APPROVED:

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Y. SEKIGUCHI