

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

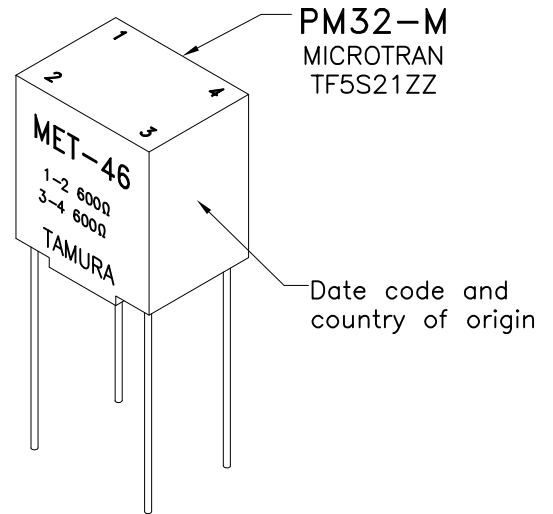
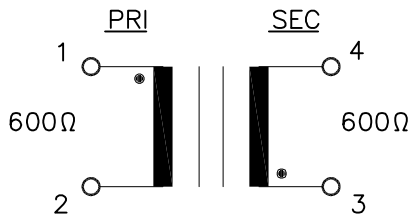
A. Electrical Specifications (@ 20 ° C)

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, DC3mA
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

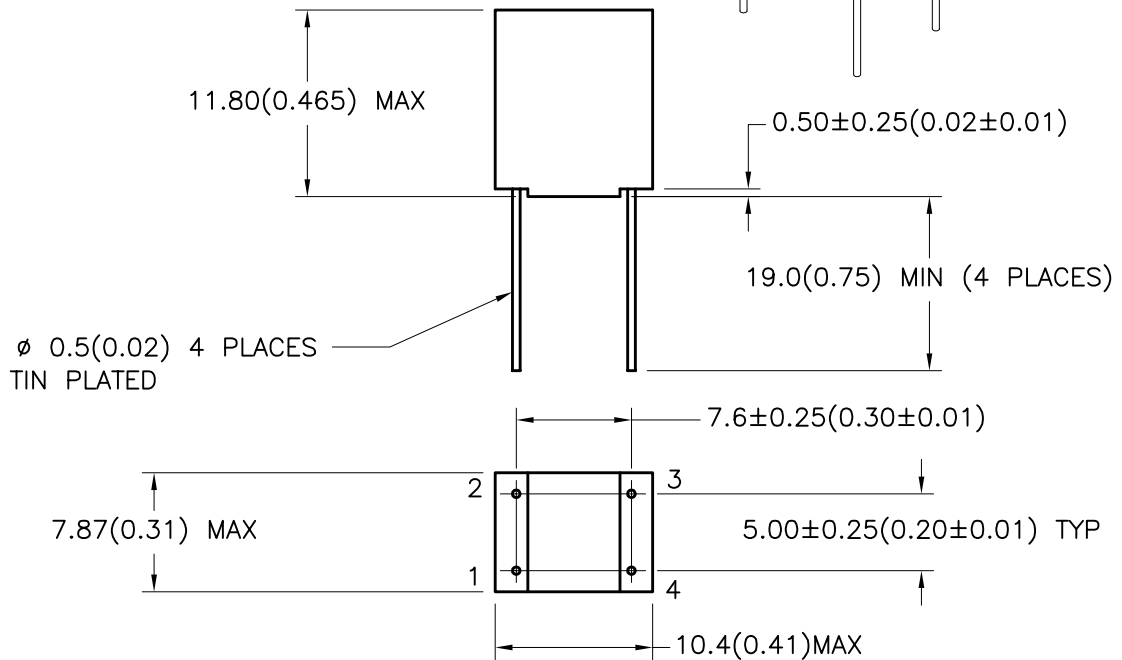


B. Marking; MET-46, TAMURA, Primary and Secondary Impedance, pin numbers, PM32-M, MICROTRAN, TF5S21ZZ, 196-date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



TOLERANCES (mm)	
≤ 4	± 0.2
4 ≤ 20	± 0.3
20 ≤ 50	± 0.4

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QUALITY CONTROL:
T. CLEM

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

REV
E

AUDIO COUPLING
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MET-46

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

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