

REV. Status

REVISION B
01/30/92 TSREVISION C
TEMECULA WAS
CARSON
ADDED PM32-M
& MICROTRAN
11/06/05 TSREVISION D
REV'D TITLE
03/07/96 TSREVISION E
ADDED RoHS
12/08/05 MPREVISION F
NOTE 5: DELETED
DC3mA
05/05/06 MPREVISION G
ADD OPERATING
AND TEMP.
02/23/11 MP

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

PREPARED BY:

C. POPPE

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.

A. Electrical Specifications (@ 20 ° C)

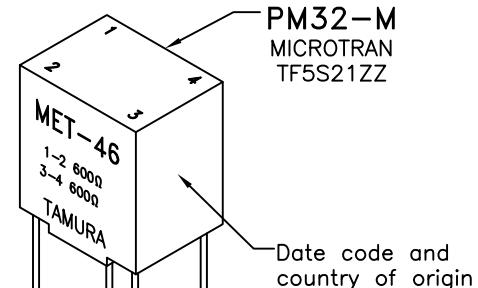
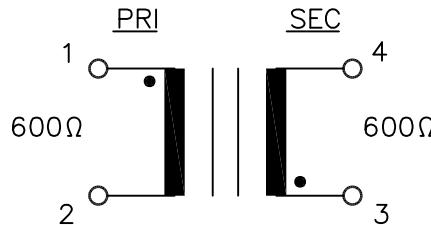
- Pri Source Impedance; 600Ω
- Sec Load Impedance; 600Ω
- Pri DC Current; 3 mA MAX
- Operating Level; 50 mW MAX @ 300 Hz
- Frequency Response (relative to 1 KHz); ±1.0 dB, @ 300 Hz to 3.5 KHz, 0dBm
- Longitudinal Balance; 60 dB MIN @ 1 KHz
- DC Resistance:
(1-2) 85Ω MAX
(3-4) 110Ω MAX
- Turns Ratio;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

B. Operating Temperature; -40 to +85°C

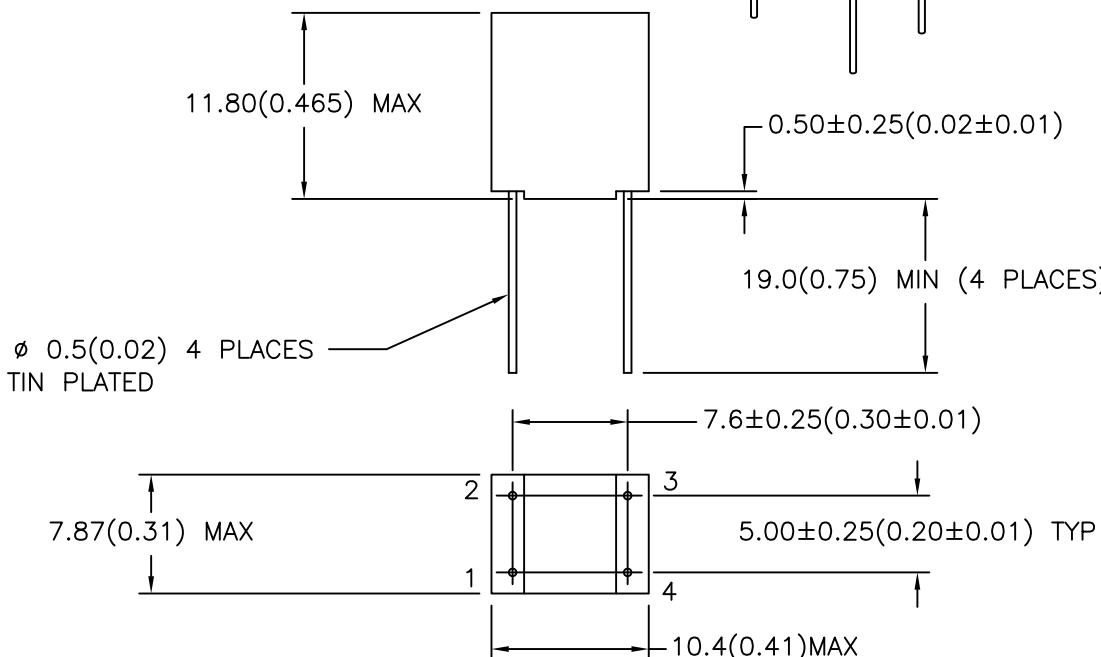
C. Storage Temperature; -55 to +105°C

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

E. Schematic Diagram



D. Mechanical Specifications



MODEL NUMBER
MET-46

ENGINEER:
M. PITCHAIDRAWING CONTROL NO. P-A1-10302
REV G
ACAD\MET\A1103021.DWGMODEL DESCRIPTION
AUDIO COUPLING

MODEL SPECIFICATION

MET-46SAFETY ENGINEER:
B. OCONNELLCONTENTS OF THIS DRAWING ARE
SUBJECT TO CHANGE WITHOUT
PRIOR NOTICE**TAMURA CORPORATION OF AMERICA**
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DIM: mm[In] SCL: NONE SH: 1 OF 1

APPROVED:

P. BRUNE

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