

REVISION B REVISED AND REDRAWN ON CAD/CAM 05/23/95 TS
REVISION C ADDED PM34-M & MICROTRAN 01/24/96 TS
REVISION D ADDED RoHS 12/05/05 MP

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

A. Electrical Specifications (@ 20 ° C)

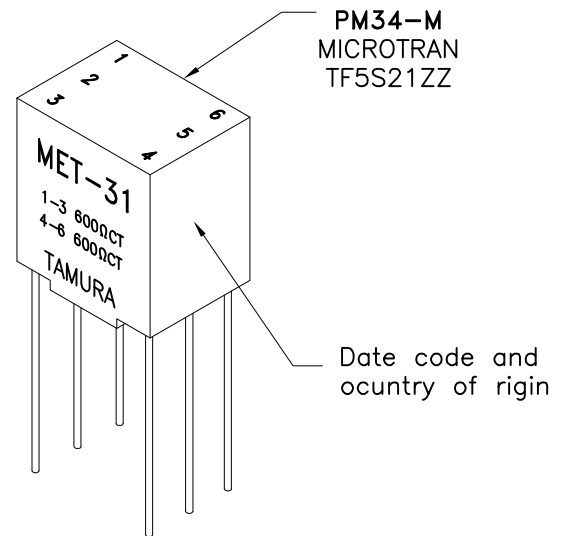
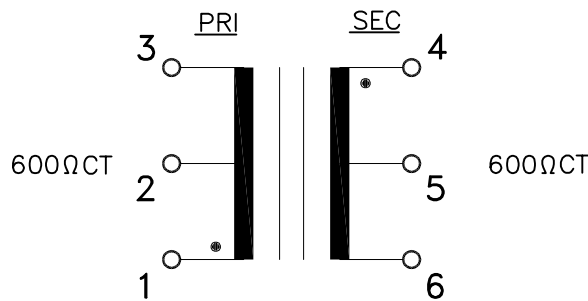
1. Pri Source Impedance; 600Ω CT
2. Sec Load Impedance; 600Ω CT
3. Pri DC Current; 3 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
6. Longitudinal Balance; 60 dB MIN @ 1 KHz
7. DC Resistance;
  - (1-3) 70Ω ±20%
  - (4-6) 95Ω ±20%
8. Turns Ratio; (1-3) : (4-6) = 1 : 1.00 ±2%
9. Dielectric Strength; 60Hz 1KVrms 0.5 minute @ Pri - Sec



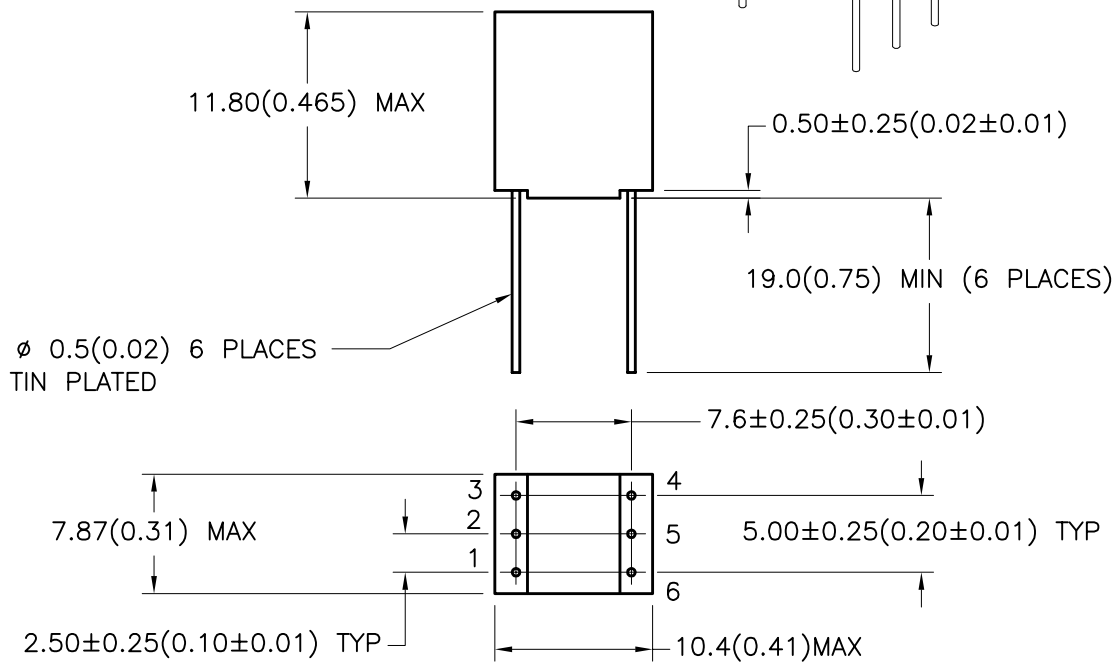
MODEL NUMBER  
**MET-31**

B. Marking; MET-31, TAMURA, Primary and Secondary Impedance, PM34-M, MICROTRAN, TF5S21ZZ, 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:  
K. BRENNAN

ENGINEER: M. PITCHAI	DWG CONTROL NO. P-A1-10268 ACAD\MET\A1102681.DWG	REV D	AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER	<b>MET-31</b> MODEL SPECIFICATION
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE <b>TAMURA CORPORATION OF AMERICA</b> 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482			DIM: mm(In) SCL: 2/1 SH: 1 OF 1
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