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| REVISION - 02/28/92 TS |
| REVISION B SCHEM REV 06/03/92 TS |
| REVISION C NEW FORMAT TEMECULA WAS CARSON ADDED PM33-M 07/08/96 TS |
| REVISION D ADDED RoHS 12/02/05 MP |
| REVISION E NOTE 10 WAS ±20% 04/19/06 MP |
| REVISION F NOTE 6 WAS ±1.0dB @ 300Hz TO 3.5KHz 05/05/06 MP |

A. Electrical Specifications (@ 20 ° C)

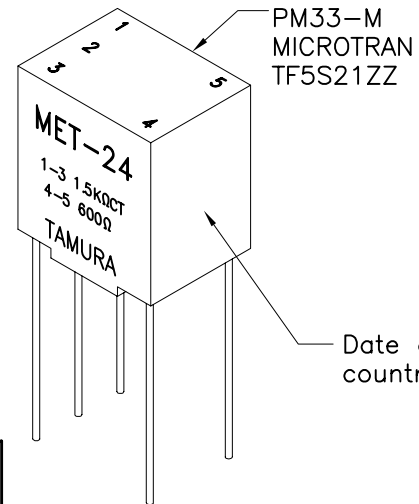
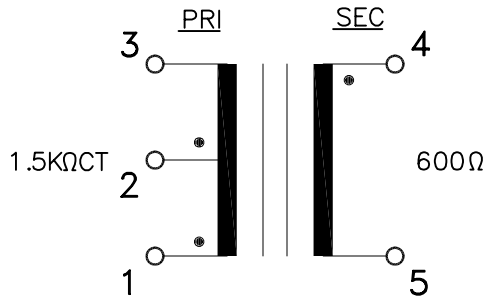
- Pri Source Impedance; 1.5K Ω
- Sec Load Impedance; 600 Ω
- Pri DC Current; 3 mA MAX
- Operating Level; 50 mW MAX @ 300 Hz
- Insertion Loss;
2.0 dB MAX @ 1 KHz, 0 dBm
- Frequency Response (relative to 1 KHz);
±2.0 dB, @ 300 Hz to 100 KHz, 0 dBm
- Pri Impedance; 1.5K Ω +20%, -10% @ 1 KHz, 0 dBm, DC3mA
- Longitudinal Balance; 60 dB MIN @ 1 KHz
- Total Harmonic Distortion; 10% MAX @ 300 Hz, 50mW
- DC Resistance;
(1-2) 160Ω ±20%
(3-4) 95Ω -20%, +30%
- Turns Ratio; (1-2) : (3-4) = 1.58 : 1.00 t±2%
- Dielectric Strength;
500 Vrms (10 mA peak MAX) 1 minute @ Pri - Sec



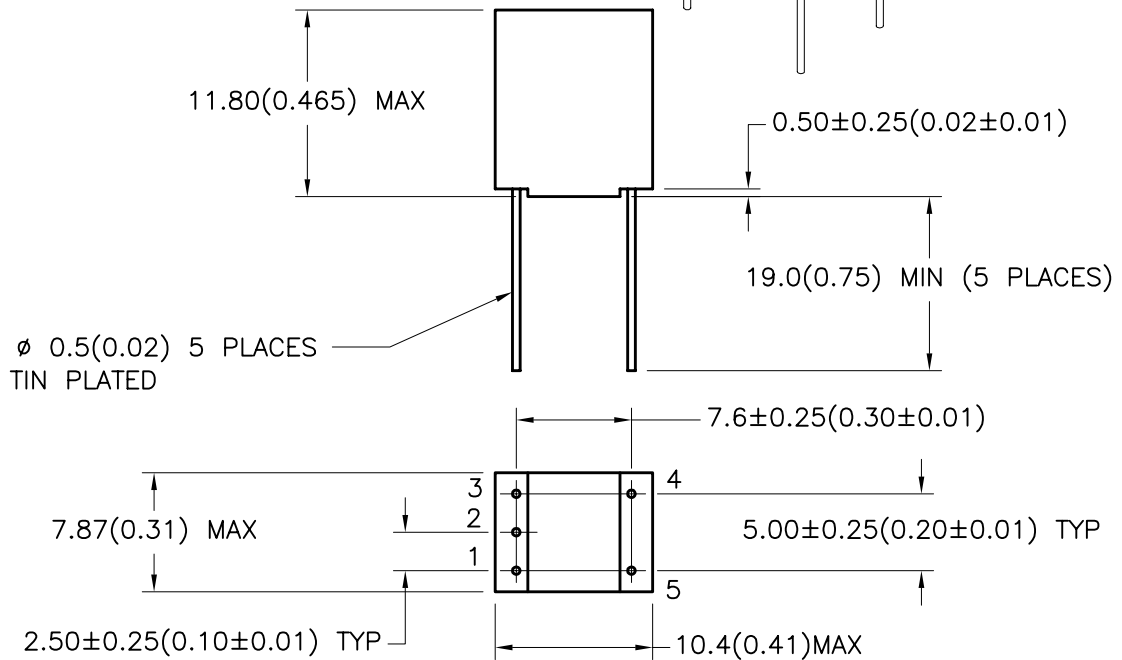
MODEL NUMBER
MET-24

B. Marking; MET-24, TAMURA, Primary and Secondary Impedance, pin numbers, PM33-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:

K. BRENNAN

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| ENGINEER: M. PITCHAI | DWG CONTROL NO. P-A1-10344 ACAD\MET\A1103441.DWG | REV F | AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER | MET-24 MODEL SPECIFICATION |
| QUALITY CONTROL: T. CLEM | CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE | | | DIM: mm(In) SCL: 2/1 SH: 1 OF 1 |
| APPROVED: Y. SEKIGUCHI | <p>TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482</p> <p>PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.</p> | | | |