

REV. Status

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

REVISION G
ADDED TEMP
RATING
5/4/15 MP

A. Electrical Specifications (@ 20 ° C)

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



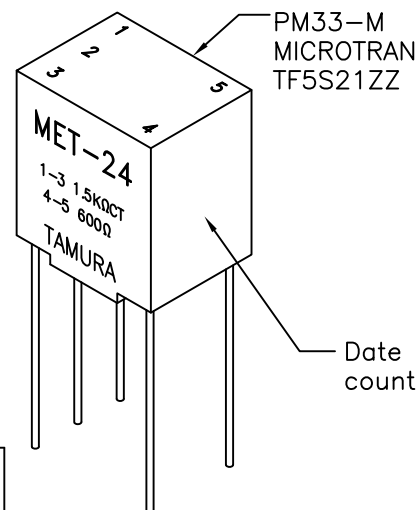
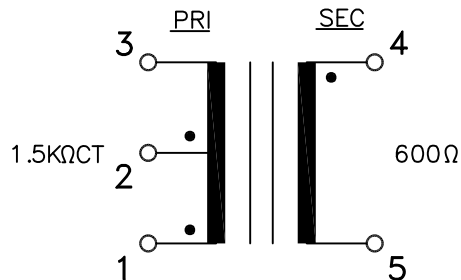
MODEL NUMBER

MET-24

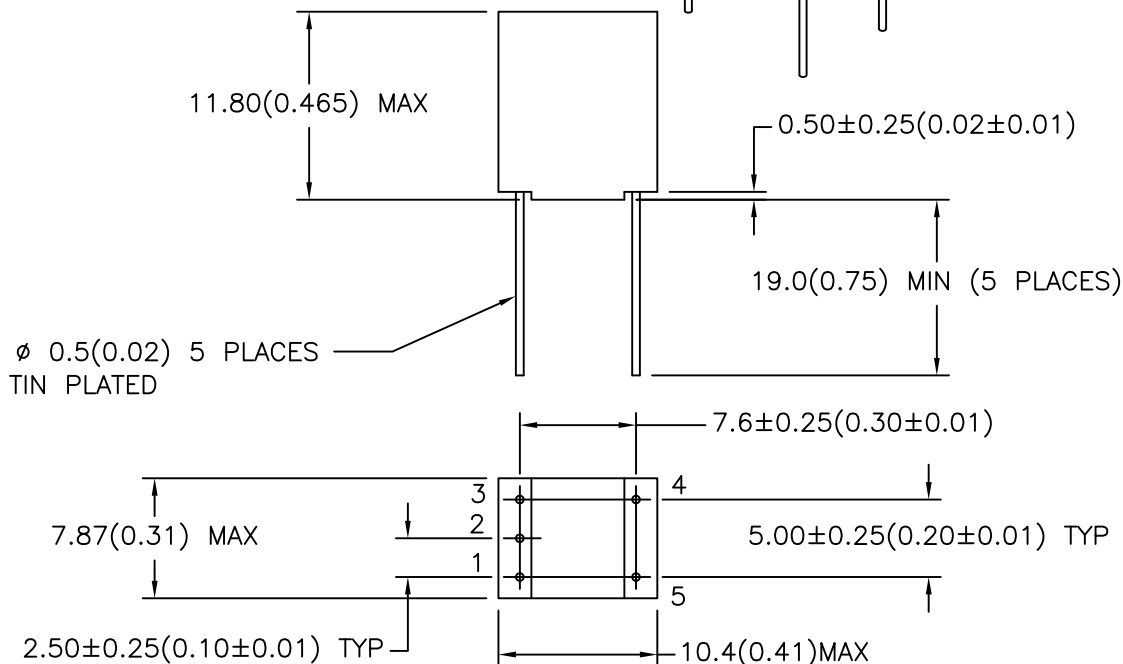
B. Marking; MET-24, TAMURA, Primary and Secondary Impedance, pin numbers, PM33-M, MICROTRAN, TF5S21ZZ, 196-date code and country of origin

C. Operating Temperature: -20 to +85°C
Storage Temperature: -55 to +105°C

D. Schematic Diagram



E. Mechanical Specifications



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

PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
P-A1-10344	G	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MET-24
CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE TAMURA CORPORATION OF AMERICA 1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536			DIM: mm [In] SCL: 2/1 SH: 1 OF 1

APPROVED:

M. PITCHAI

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Audio Transformers](#) / [Signal Transformers](#) category:

Click to view products by [Tamura](#) manufacturer:

Other Similar products are found below :

[CX2041NLT](#) [MGPWT-00449-P](#) [PE-64961](#) [H1302FNLT](#) [H5008FNL](#) [H5012FNL](#) [H5020FNLT](#) [H5077NLT](#) [H5079NLT](#) [H5084FNLT](#)
[B78476A9558A003](#) [1812WBT2-4](#) [1879479-1](#) [HX2260FNL](#) [HX5014FNL](#) [EX2024FNL](#) [FL1066](#) [T1137NLT](#) [T3012NL](#) [PE-65812FNL](#) [PE-65848FNLT](#) [H1174FNL](#) [H1302FNL](#) [H5015FNL](#) [H5019EFNL](#) [H5062FNLT](#) [CX2047LNL](#) [MGPWT-00059-P](#) [MGPWT-00266-P](#) [MGPWT-00278-P](#) [MGPWT-00431-P](#) [TTC-100](#) [TTC-143-H](#) [TTC-5032-1](#) [BX1194WNLT](#) [HX1234NLT](#) [HX5008FNLT](#) [HX5019FNL](#) [HX5084NL](#) [3-1879385-5](#) [TX1263NLT](#) [4-1879391-0](#) [T1142NL](#) [HX6101FNL](#) [HX5084FNL](#) [HX1148NL](#) [HX5020FNLT](#) [HX5014FNLT](#) [T1124NL](#)
[1879732-1](#)