

REV. Status

REVISION A
REVISED AND
REDRAWN ON
CAD/CAM
02/26/92 TS

REVISION B
SCHEM REV
06/03/92 TS

REVISION C
NEW FORMAT
TEMECULA
WAS CARSON
ADDED PM33-M
07/08/96 TS

Tel: (973) 779-8282
Fax: (973) 779-1490
sales@trcelectronics.com
http://www.trcelectronics.com

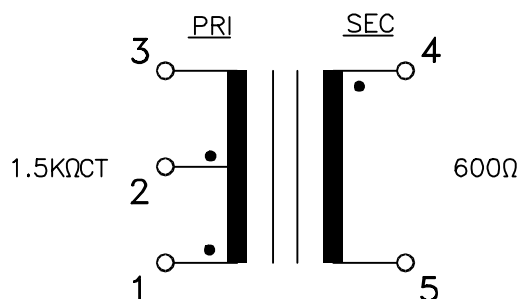
TRCELECTRONICS, INC.
"Authorized Distributor"
135 Pasadena Ave.
Lodi, NJ 07644 USA

A. Electrical Specifications (@ 20 ° C)

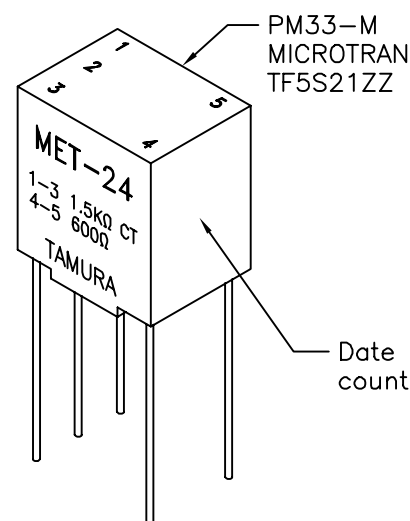
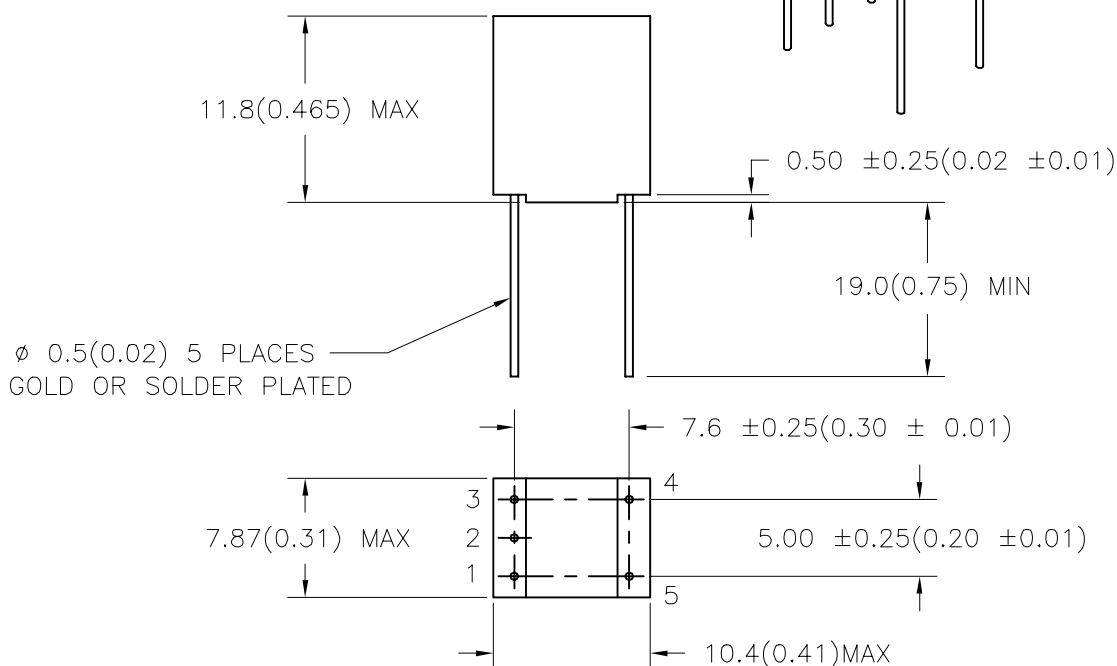
1. Pri Source Impedance; 1.5K Ω
2. Sec Load Impedance; 600 Ω
3. Pri DC Current; 3 mA MAX
4. Operating Level; 50 mW MAX @ 300 Hz
5. Insertion Loss;
2.0 dB MAX @ 1 KHz, 0 dBm, DC3mA
6. Frequency Response (relative to 1 KHz);
 ± 1.0 dB, @ 300 Hz to 3.5 KHz, 0 dBm, DC3mA
7. Pri Impedance; 1.5K Ω +20%, -10% @ 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) 160 Ω $\pm 20\%$
(3-4) 95 Ω $\pm 20\%$
12. Turns Ratio; (1-2) : (3-4) = 1.58 : 1.00 $\pm 2\%$
13. Dielectric Strength;
500 Vrms (10 mA peak MAX) 1 minute @ Pri - Sec

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



Date code and
country of origin

PREPARED BY:

K. Brennan

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

M. Ong

DWG CONTROL NO.
P-A1-10344
ACAD\MET\A1103441.DWG

REV
C

TELECOMMUNICATION COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

CONTENTS OF THIS DRAWING ARE
SUBJECT TO CHANGE WITHOUT
PRIOR NOTICE

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624

MET-24

MODEL SPECIFICATION

DIM: mm(in) SCL: NONE SH: 1 OF 1

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MODEL NUMBER

MET-24