

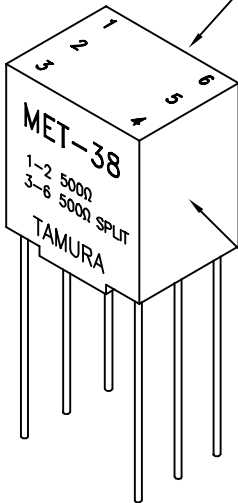
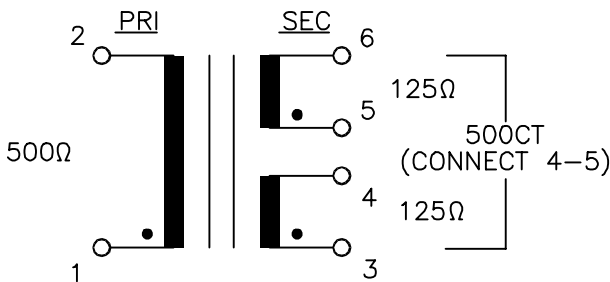
TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 500Ω WITH 500Ω CT, 125Ω SPLIT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

- 1. Pri Source Impedance; 500Ω
- 2. Sec Load Impedance; 500Ω CT, 125 Ω SPLIT
- 3. Pri DC Current; 3mA MAX
- 4. Operating Level; 50mW MAX @ 300Hz
- 5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz
- 6. Longitudinal Balance; 60dB MIN @ 1KHz
- 7. DC Resistance;
(1-2) 65Ω ±20%
(3-6) 90Ω ±20%
- 8. Turns Ratio; (1-2):(3-4):(5-6)=2:1.00 ±2%:1.00 ±2%
- 9. Dielectric Strength;
500Vrms 0.5 minute @ Pri - Sec

B. Marking; MET-38, TAMURA, Primary and Secondary Impedance, PM36-M, MICROTRAN, TF5S21ZZ, date code and country of origin.

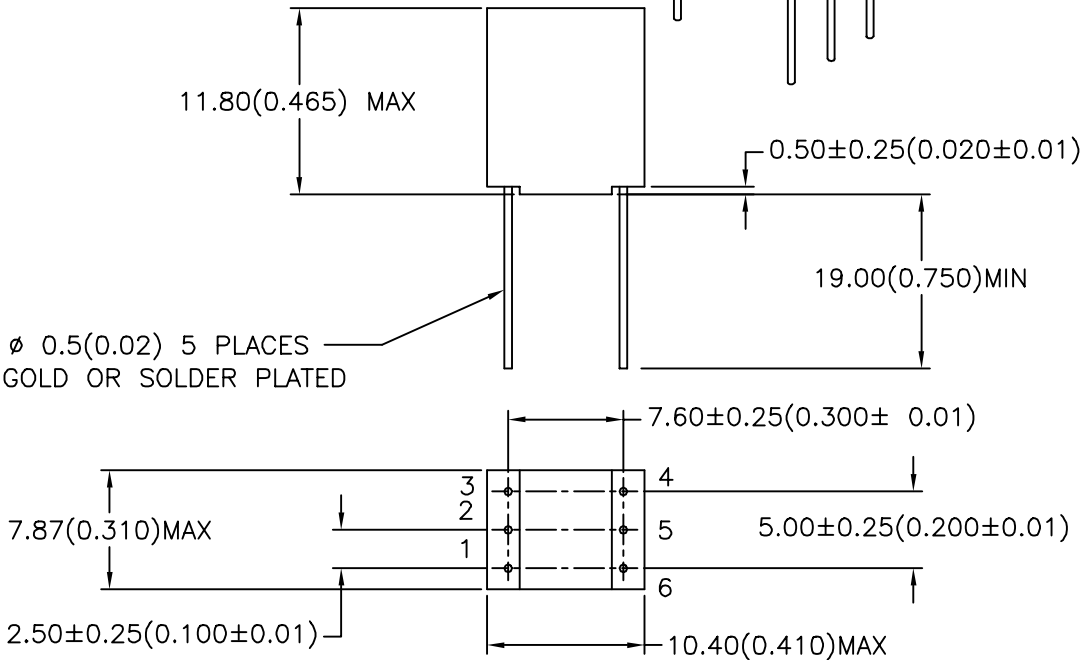
C. Schematic Diagram



PM36-M
MICROTRAN
TF5S21ZZ

Date code, and
country of origin

D. Mechanical Specifications



PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-11316
ACAD\MXFMR\A1113161.DWG

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TELECOMMUNICATION COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

MET-38

MODEL SPECIFICATION

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

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MODEL NUMBER
MET-38