

REV. Status

REVISION -
6/6/95 TSREVISION A
CHANGED
MARKING.
07/03/00 TS

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.

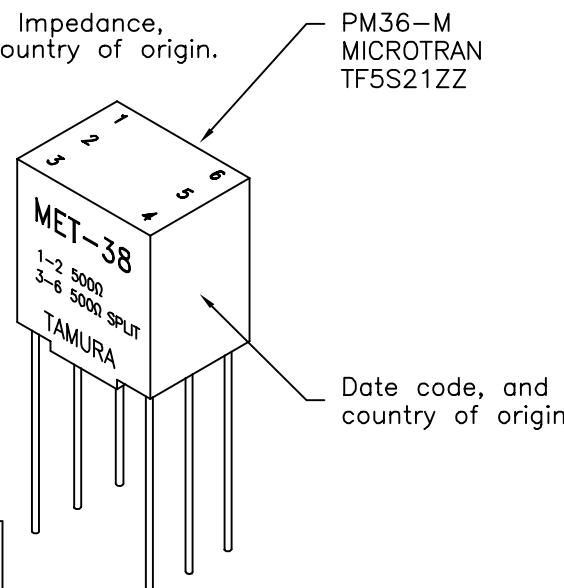
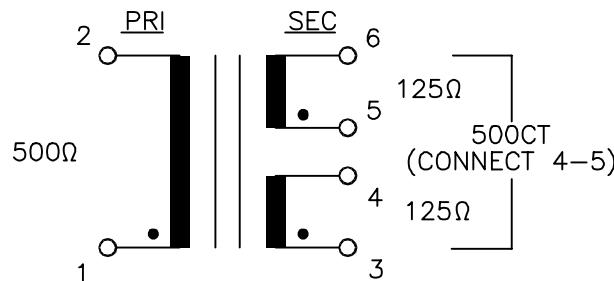
MODEL NUMBER
MET-38

A. Electrical Specifications (@ 20 ° C)

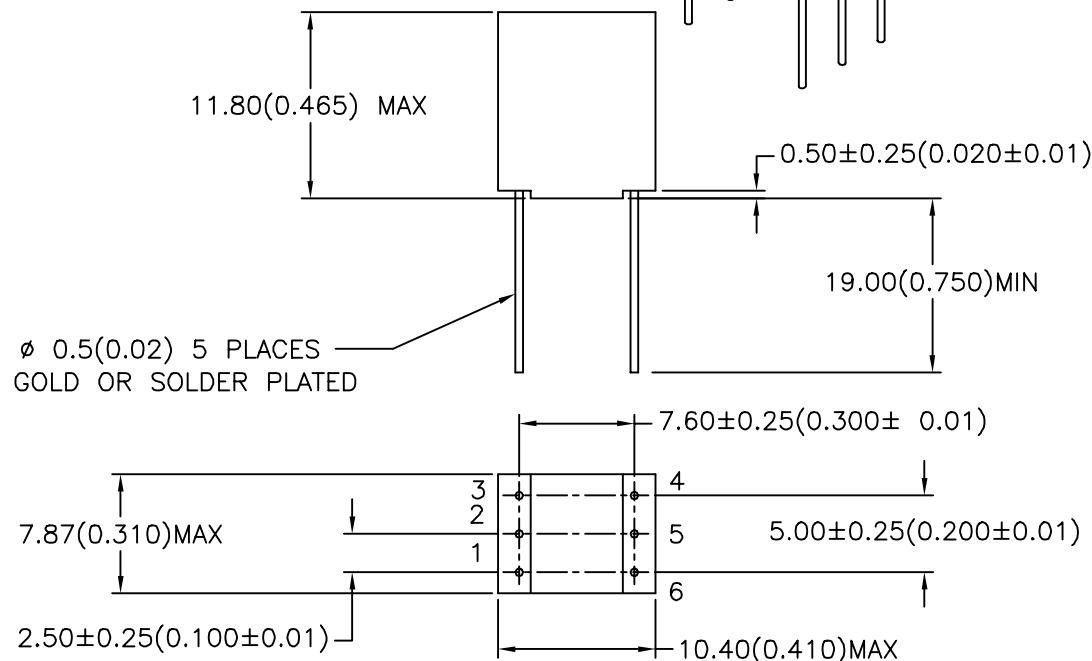
1. Pri Source Impedance; 500Ω
2. Sec Load Impedance; 500Ω CT, 125Ω SPLIT
3. Pri DC Current; 3mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
±2.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-2) 65Ω ±20%
(3-6) 90Ω ±20%
8. Turns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



D. Mechanical Specifications



PREPARED BY:

D. Rund

ENGINEER:

DWG CONTROL NO. REV
P-A1-11316
ACAD\MXFMR\A1113161.DWG ATELECOMMUNICATION COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

QUALITY CONTROL:

CONTENTS OF THIS DRAWING ARE
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APPROVED:

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J. Coleman

MET-38

MODEL SPECIFICATION

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