

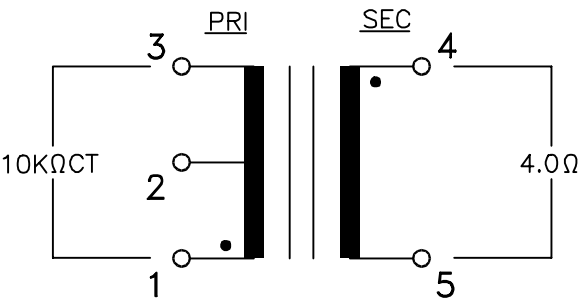
TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 4.0Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)

- 1. Pri Source Impedance; 10KΩ CT
- 2. Sec Load Impedance; 4.0Ω
- 3. Pri DC Current; 1mA MAX (1-2)
- 4. Operating Level; 40mW MAX @ 300Hz
- 5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz, 16dBm, DC 1mA (1-2)
- 6. DC Resistance; (1-3) 1200Ω ±20% (4-5) 1.0Ω ±20%
- 7. Turns Ratio; (1-3):(4-5)=1:0.02 ±2%
- 8. Insulation Resistance; 100MΩ MIN @ 500VDC Pri to Sec
- 9. Dielectric Strength; 500Vrms 0.5 minute @ Pri - Sec

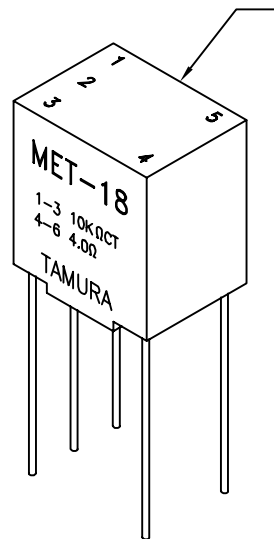
B. Marking; MET-18, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin

C. Schematic Diagram

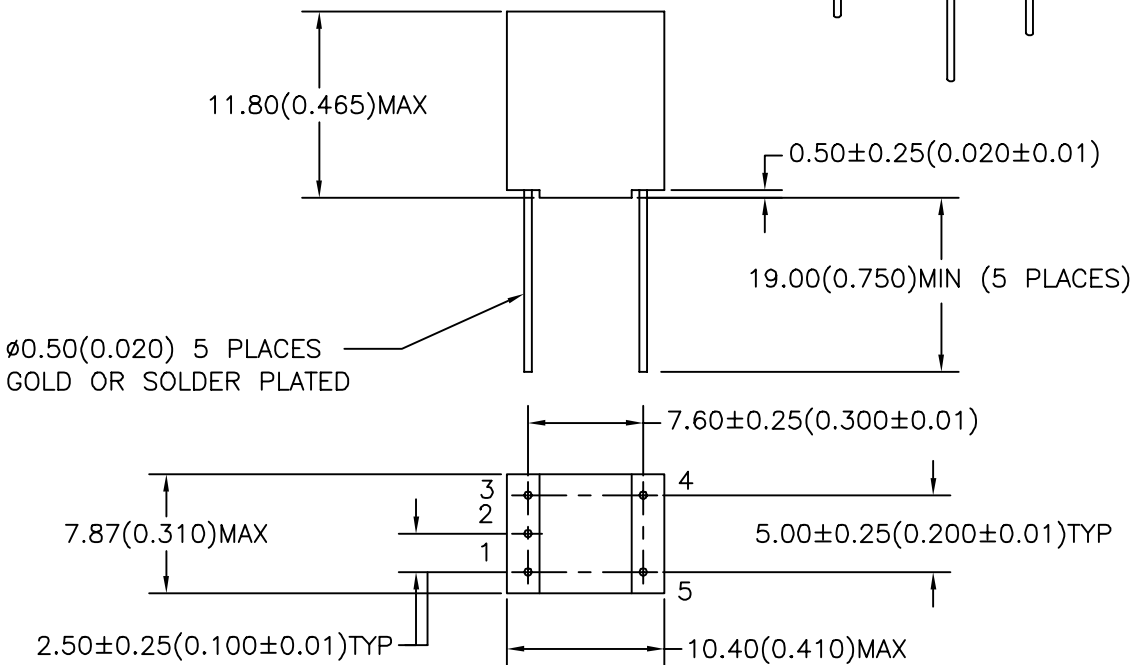


D. Mechanical Specifications

All dimensions nominal unless specified.



Date code and country of origin



PREPARED BY:

D. Rund
ENGINEER:

T. Shiozawa
QUALITY CONTROL:

D. Kelley
APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-10736
ACAD\MXFMR\A1107361.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-18

MODEL SPECIFICATION

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

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