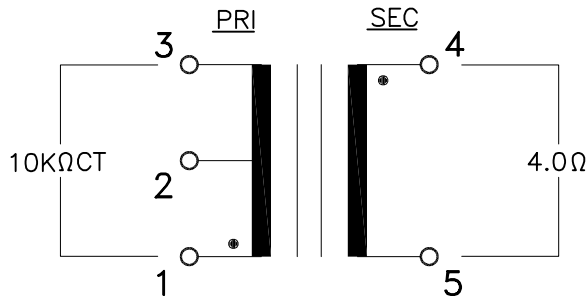


TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 4.0Ω LOAD ON SECONDARY.

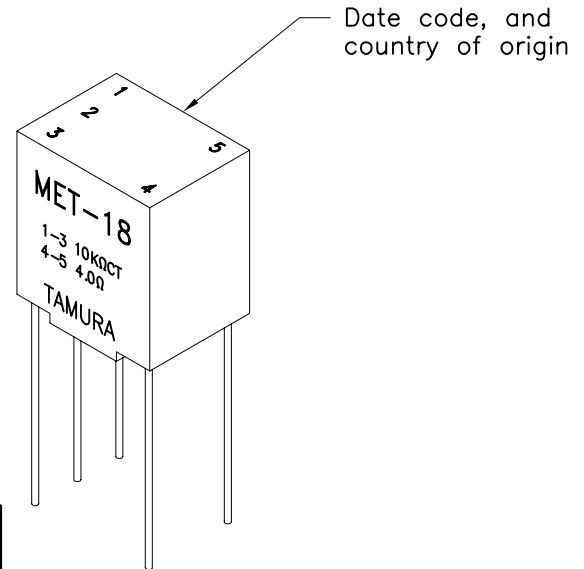
- A. Electrical Specifications (@ 20°C)
1. Pri Source Impedance; 10KΩ CT
 2. Sec Load Impedance; 4.0Ω
 3. Pri DC Current; 1mA MAX (1-2)
 4. Operating Level; 40mW MAX @ 300Hz
 5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz, 16dBm
 6. DC Resistance; (1-3) 1200Ω ±20% (4-5) 1.0Ω ±20%
 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

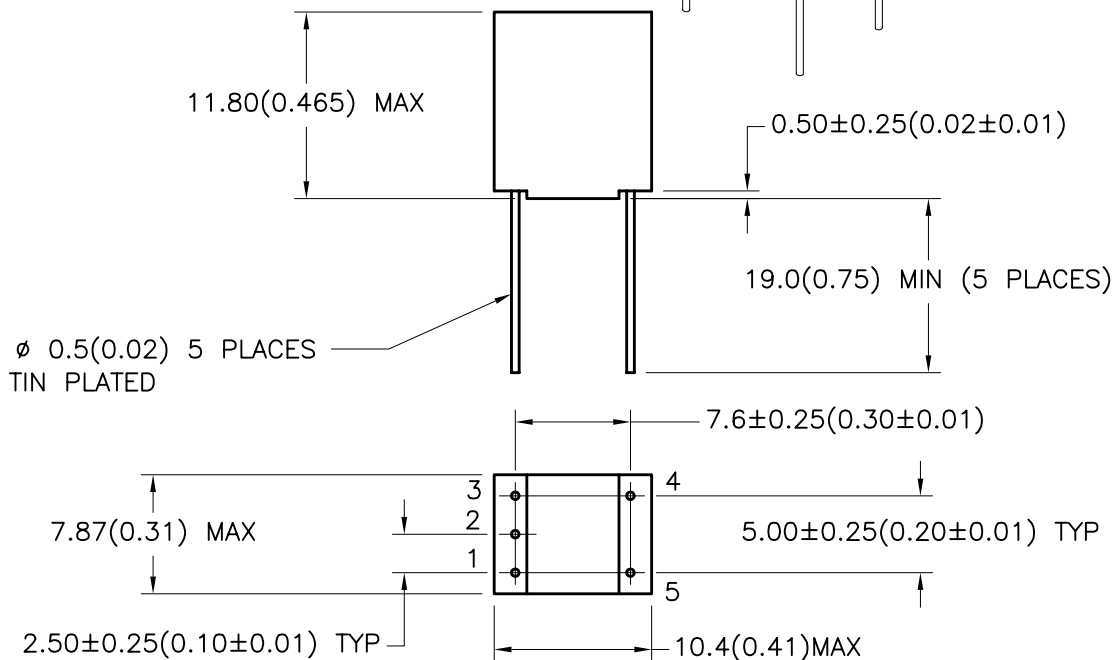
C. Schematic Diagram



MODEL NUMBER
MET-18



D. Mechanical Specifications



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

PREPARED BY:

K. BRENNAN

| | | | | | |
|-----------------------------|--|----------|--|--------------------------------------|--|
| ENGINEER: M. PITCHAI | DWG CONTROL NO. P-A1-10736 ACAD\MET\A1107361.DWG | REV C | AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER | MET-18 MODEL SPECIFICATION | |
| QUALITY CONTROL: T. CLEM | CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE | | TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482 | | |
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DIM: mm(In) SCL: 2/1 SH: 1 OF 1