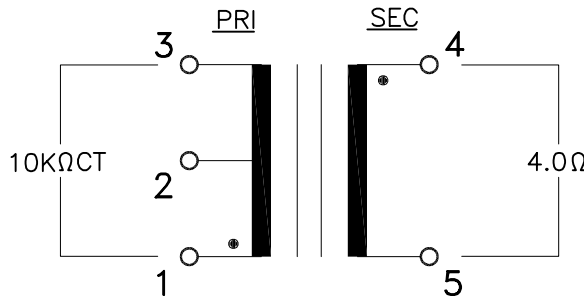


TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 4.0Ω LOAD ON SECONDARY.

- 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

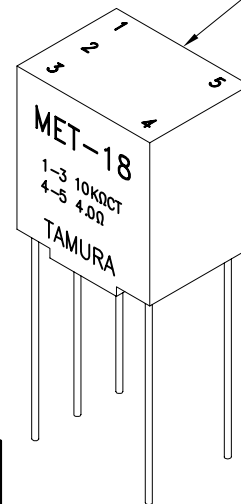
B. Marking; MET-18, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin

C. Schematic Diagram

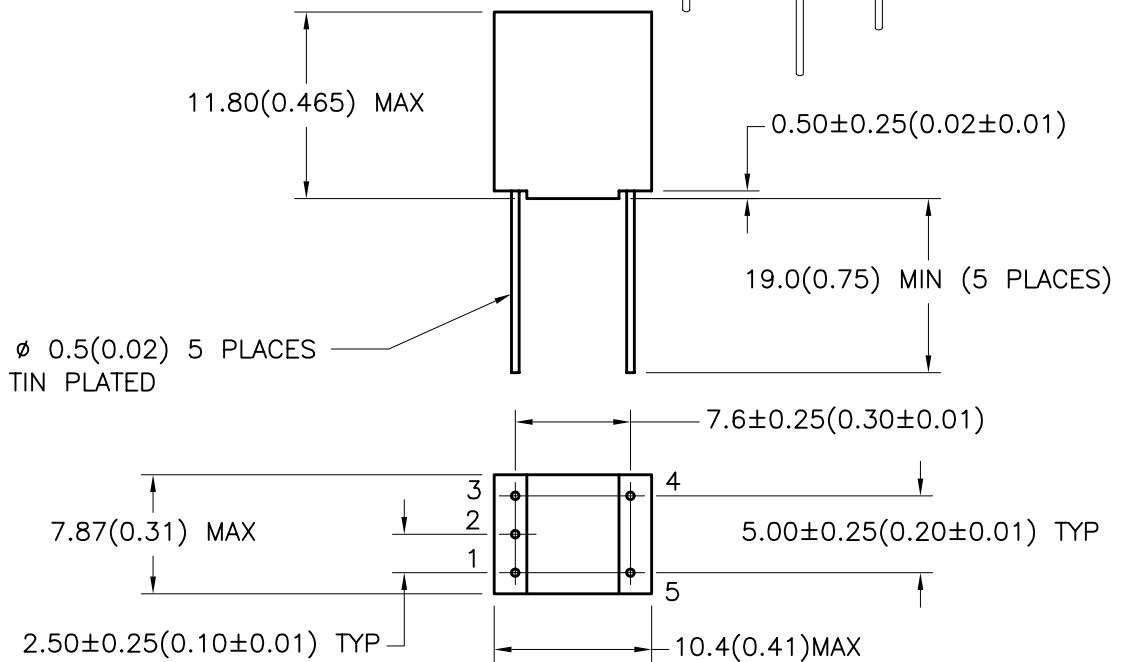


MODEL NUMBER
MET-18

Date code, and country of origin



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

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DIM: mm(In) SCL: 2/1 SH: 1 OF 1

APPROVED:

Y. SEKIGUCHI

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