

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10K Ω CT WITH 1.2K Ω CT LOAD ON SECONDARY.

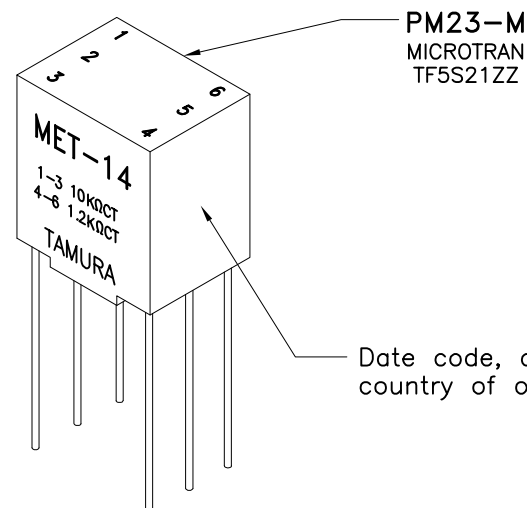
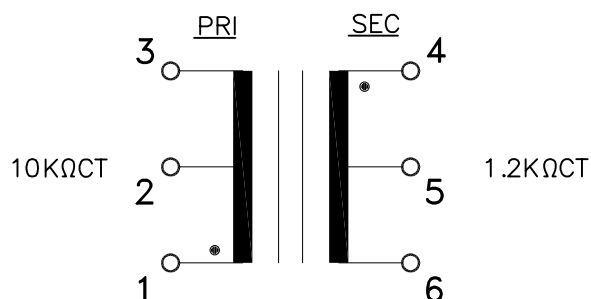
A. Electrical Specifications (@ 20°C)

1. Pri Source Impedance; 10K Ω CT
2. Sec Load Impedance; 1.2K Ω CT
3. Pri DC Current; 1mA MAX
4. Operating Level; 40mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
 ± 2.0 dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) 1000 Ω $\pm 20\%$
(4-6) 220 Ω $\pm 20\%$
8. Turns Ratio; (1-3) : (4-6) = 2.88 : 1 $\pm 2\%$
9. Dielectric Strength;
500Vrms 0.5 minute @ Pri - Sec



B. Marking; MET-14, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin

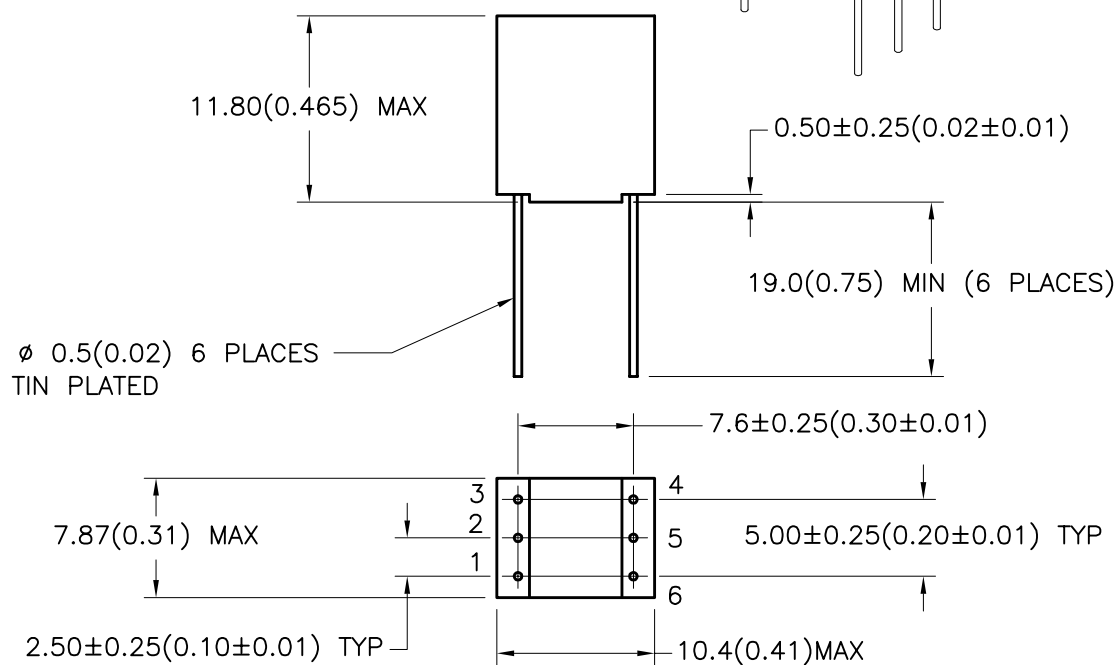
C. Schematic Diagram



PM23-M
MICROTRAN
TF5S21ZZ

Date code, and
country of origin

D. Mechanical Specifications



TOLERANCES (mm)

≤ 4	± 0.2
$4 \leq 20$	± 0.3
$20 \leq 50$	± 0.4

PREPARED BY:

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ENGINEER:

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QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-12966
ACAD\MET\A1129661.DWG

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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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MET-14

MODEL SPECIFICATION

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

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