AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 65mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 1.6KΩCT WITH 3.2Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)
1. Pri Source Impedance; 1.6KΩCT
2. Sec Load Impedance; 3.2Ω
3. Pri DC Current; 2.5mA MAX
4. Operating Level; 65mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
   ±3.0dB, @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
   (1→3) 230Ω MAX
   (4→5) 1.00Ω MAX
8. Turns Ratio; (1→3) : (4→5) = 22.4 : 1 ±2%
9. Dielectric Strength;
   60Hz 500Vrms 0.5 minute @ Pri – Sec

B. Marking; MET–23, TAMURA, Primary and Secondary Impedance, 32536–1, date code and country of origin

C. Operating Temperature: –20 to +85°C
   Storage Temperature: –55 to +105°C

D. Schematic Diagram

E. Mechanical Specifications

TOLERANCES (mm)

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<th>≤ 4 ± 0.2</th>
<th>4 ± 20 ± 0.3</th>
<th>20 ± 50 ± 0.4</th>
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Prepared By: C. Poppe

Model Description:

MODEL DESCRIPTION

AUDIO COUPLING MINIATURE ENCAPSULATED XFMR

Model Number: MET–23