AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600Ω CT WITH 8Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)
   1. Pri Source Impedance; 600Ω CT
   2. Sec Load Impedance; 8Ω
   3. Pri DC Current; 4.5 mA MAX
   4. Operating Level; 50 mW MAX @ 300 Hz
   5. Frequency Response (relative to 1 kHz);
      ±2.0 dB, @ 300 Hz to 100 kHz
   6. Longitudinal Balance; 60 dB MIN @ 1 kHz
   7. DC Resistance;
      (1–3) 60Ω ±20%
      (4–5) 1.5Ω ±20%
   8. Turns Ratio; (1–3) : (4–5) = 8.66 : 1 ±2%
   9. Dielectric Strength;
      1000 Vrms, 60Hz 0.5 minute @ Pri – Sec

B. Marking; MET–35, TAMURA, Primary and Secondary Impedance, 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)

PREPARED BY:
C. POPPE

ENGINEER:
MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO. REV
P–A1–10335 D

MODEL DESCRIPTION
AUDIO COUPLING
MINIATURE ENCAPSULATED XFMRR

MODEL SPECIFICATION
MET–35

11.80(0.465) MAX

0.50±0.25(0.02±0.01)

19.0(0.75) MIN (5 PLACES)

7.6±0.25(0.30±0.01)

7.87(0.31) MAX

5.00±0.25(0.20±0.01) TYP

2.50±0.25(0.10±0.01) TYP

10.4(0.41)MAX

TAMURA CORPORATION OF AMERICA
1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
(951) 699–1270 / FAX 7607405536

D: mm[lm] SCL: 2/1 SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HERIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.