

REV. Status

REVISION –
03/04/97 TSREVISION A
ADDED RoHS
12/05/05 MPREVISION B
ADDED TEMP
RATING
5/6/15 MP

AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE AT 75mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10K Ω WITH 10K Ω , 2.5K Ω SPLIT LOAD ON SECONDARY.

A. Electrical Specifications (@ 20 ° C)

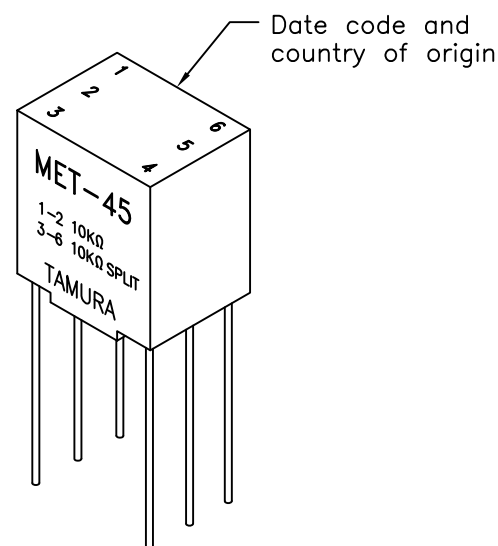
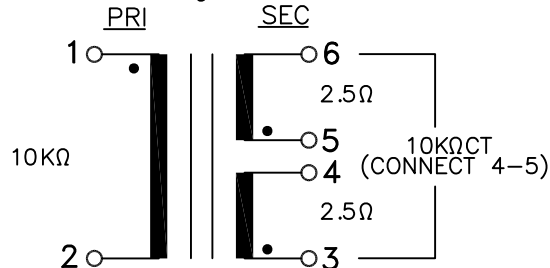
1. Pri Source Impedance; 10K Ω
2. Sec Load Impedance; 10K Ω , 2.5K Ω SPLIT
3. Pri DC Current; 1mA MAX
4. Operating Level; 75mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz); $\pm 3.0\text{dB}$, @ 300Hz to 20KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
 - (1-2) 1.3K Ω MAX
 - (3-4) 735 Ω ~ 390 Ω
 - (5-6) 850 Ω ~ 455 Ω
8. Turns Ratio; (1-2) : (3-4) : (5-6) = 1.00 : 0.50 : 0.50 $\pm 2\%$
9. Dielectric Strength;
 - 500 Vrms 0.5 minute @ Pri to Sec



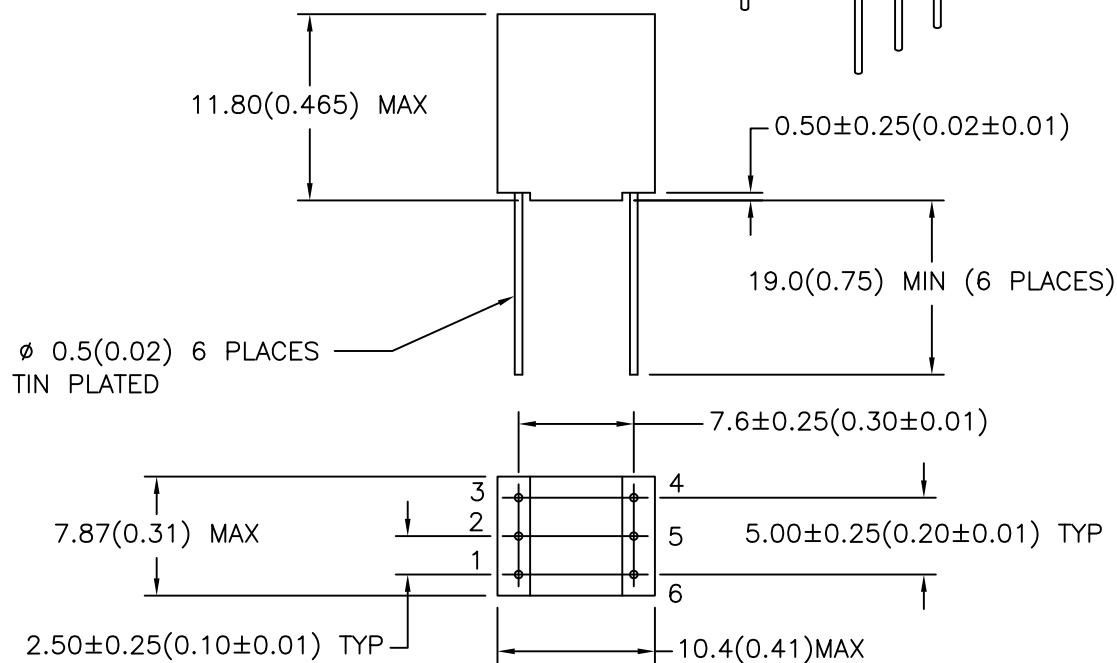
B. Marking; MET-45, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin

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

D. Schematic Diagram



E. Mechanical Specifications



TOLERANCES (mm)

$\leq 4 \pm 0.2$
 $4 \leq 20 \pm 0.3$
 $20 \leq 50 \pm 0.4$

PREPARED BY:

C. POPPE

ENGINEER:

MATHI P.

SAFETY ENGINEER

DRAWING CONTROL NO.

P-A1-11840

REV

B

MODEL DESCRIPTION

AUDIO COUPLING
MINIATURE ENCAPSULATED XFMR

MODEL SPECIFICATION

MET-45

CONTENTS OF THIS DRAWING ARE
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TAMURA CORPORATION OF AMERICA

1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029
 (951) 699-1270 FAX 7607400536

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APPROVED:

M. PITCHAI

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MODEL NUMBER

MET-45

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com