

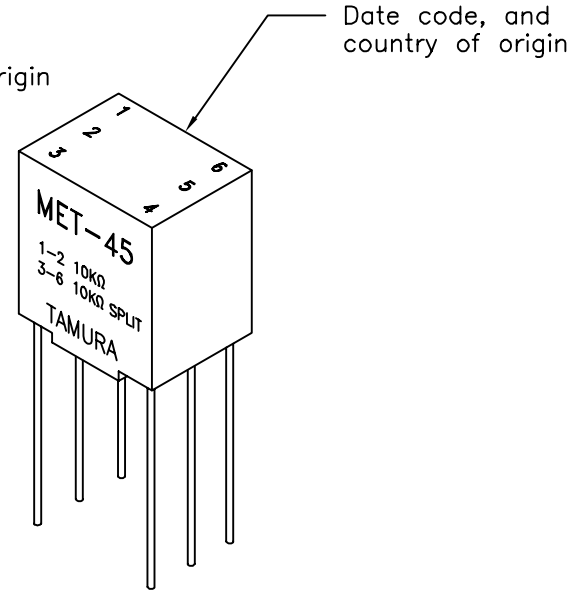
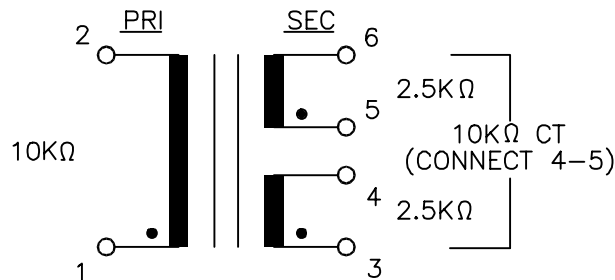
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE AT 75mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10K $\Omega$  WITH 10K $\Omega$ , 2.5K $\Omega$  SPLIT LOAD ON SECONDARY.

## A. Electrical Specifications (@ 20 ° C)

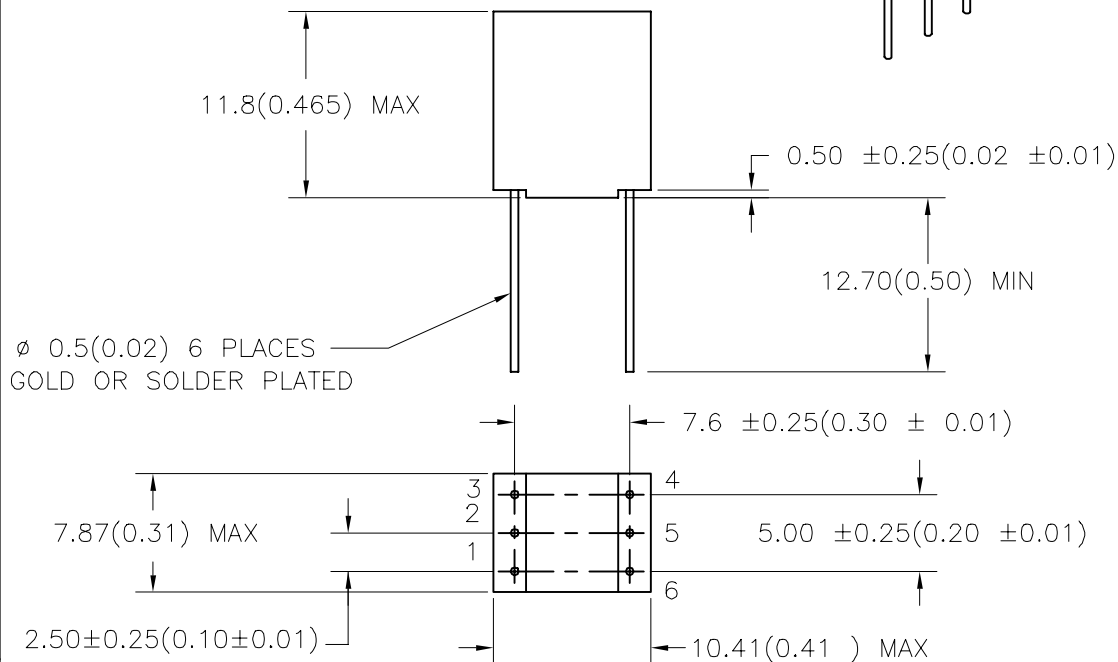
1. Pri Source Impedance; 10K $\Omega$
2. Sec Load Impedance; 10K $\Omega$ , 2.5K $\Omega$  SPLIT
3. Pri DC Current; 1mA MAX
4. Operating Level; 75mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);  
 $\pm 3.0$ dB, @ 300Hz to 20KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;  
(1-2) 1.3K $\Omega$  MAX  
(3-4) 735 $\Omega$  ~ 390 $\Omega$   
(5-6) 850 $\Omega$  ~ 455 $\Omega$
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; (Nearside) As shown  
(Farside) Date code and country of origin

## C. Schematic Diagram



## D. Mechanical Specifications



PREPARED BY:

K. Brennan

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.  
P-A1-11840  
ACAD\MXFMR\A1118401.DWG

REV  
—

AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482

MET-45

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN 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.

MODEL NUMBER

MET-45

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Tamura:](#)

[MET-45](#)