



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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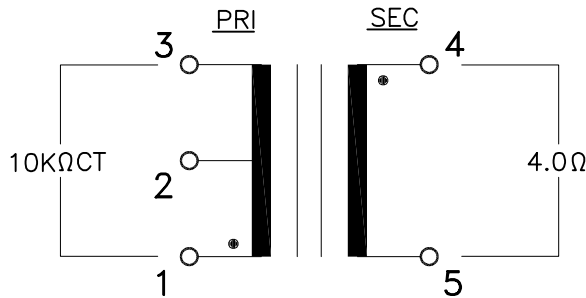


TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 4.0Ω LOAD ON SECONDARY.

- A. Electrical Specifications (@ 20°C)
1. Pri Source Impedance; 10KΩ CT
  2. Sec Load Impedance; 4.0Ω
  3. Pri DC Current; 1mA MAX (1-2)
  4. Operating Level; 40mW MAX @ 300Hz
  5. Frequency Response (relative to 1KHz); ±2.0dB, @ 300Hz to 100KHz, 16dBm
  6. DC Resistance; (1-3) 1200Ω ±20% (4-5) 1.0Ω ±20%
  7. Turns Ratio; (1-3):(4-5)=1:0.02 ±2%
  8. Insulation Resistance; 100MΩ MIN @ 500VDC Pri to Sec
  9. Dielectric Strength; 500Vrms 0.5 minute @ Pri - Sec

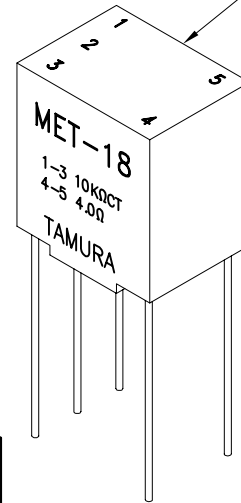
B. Marking; MET-18, TAMURA, Primary and Secondary Impedance, pin numbers, date code and country of origin

C. Schematic Diagram

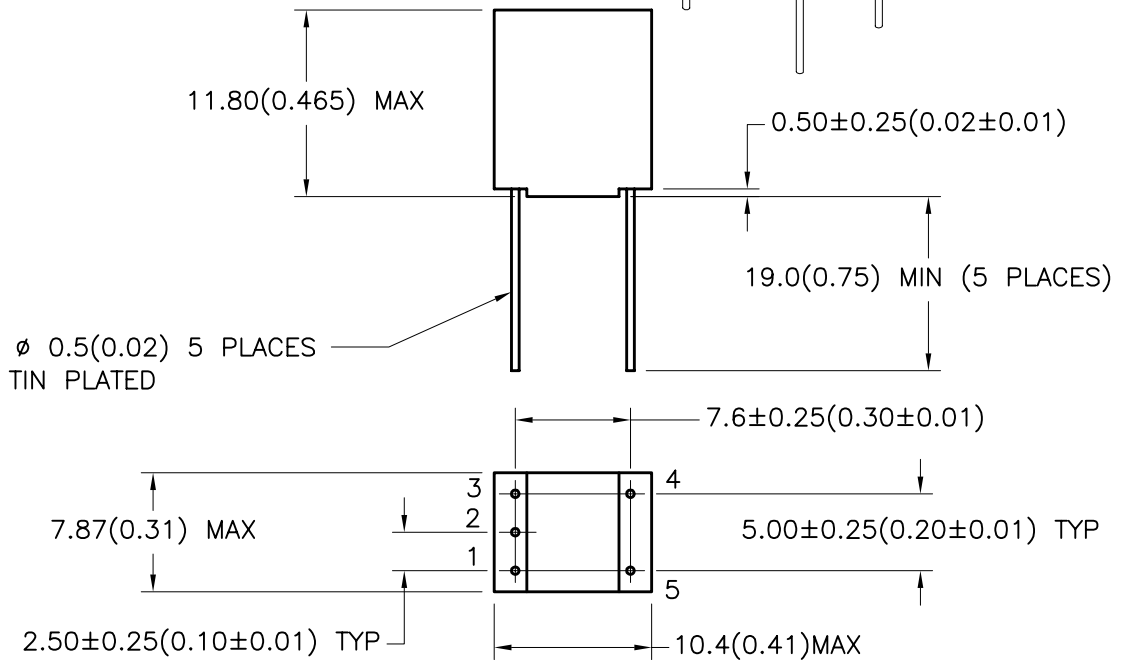


MODEL NUMBER  
**MET-18**

Date code, and country of origin



D. Mechanical Specifications



TOLERANCES (mm)	
≤ 4	± 0.2
4 ≤ 20	± 0.3
20 ≤ 50	± 0.4

PREPARED BY:

K. BRENNAN

ENGINEER:  
M. PITCHAI

DWG CONTROL NO.  
P-A1-10736  
ACAD\MET\A1107361.DWG

REV  
C

AUDIO COUPLING  
MINIATURE ENCAPSULATED TRANSFORMER

**MET-18**

QUALITY CONTROL:  
T. CLEM

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**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(951) 699-1270 FAX 9516769482

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

APPROVED:

Y. SEKIGUCHI

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