



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!



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AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 30mW MAX IN SECONDARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 25KΩCT WITH 1KΩCT LOAD ON SECONDARY.

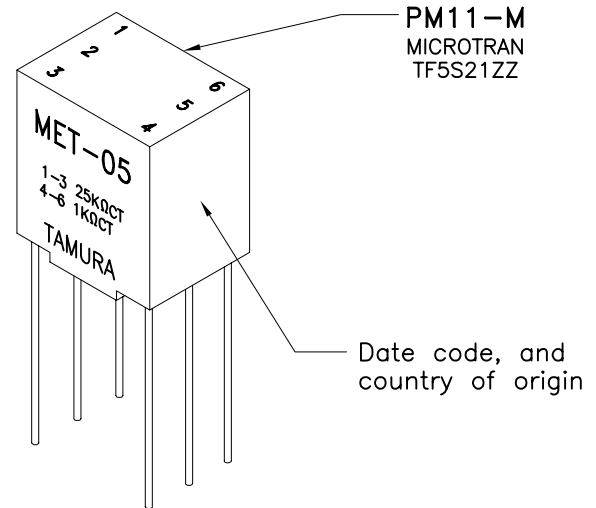
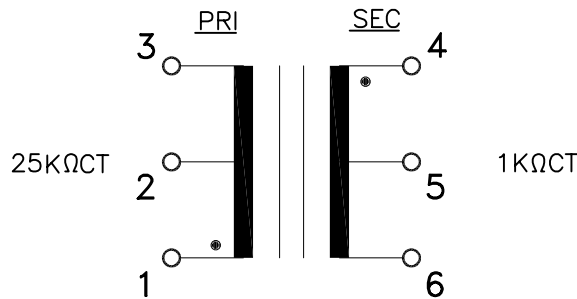
A. Electrical Specifications (@ 20 ° C)

1. Pri Source Impedance; 25KΩCT
2. Sec Load Impedance; 1KΩCT
3. Pri DC Current; 0.5 mA MAX
4. Operating Level; 30 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) 1600Ω ±20%
  - (4-6) 95Ω -20%, +30%
8. Turns Ratio; (1-3) : (4-6) = 5.00 : 1 ±2%
9. Dielectric Strength; 60Hz 500Vrms 0.5 minute @ Pri - Sec

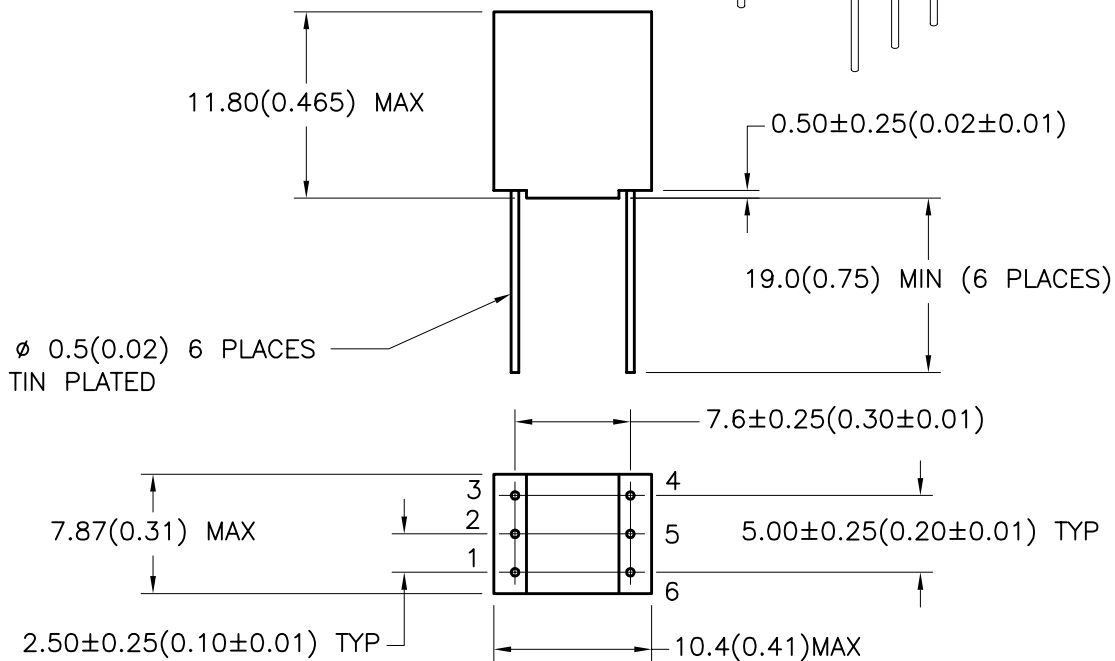


B. Marking; MET-05, TAMURA, Primary and Secondary Impedance, PM11-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



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

PREPARED BY:  
K. BRENNAN

|                             |  |          |  |                                      |          |            |
|-----------------------------|--|----------|--|--------------------------------------|----------|------------|
| ENGINEER:<br>M. PITCHAI     | DWG CONTROL NO.<br>P-A1-11577<br>ACAD\MET\A1115771.DWG   | REV<br>B | AUDIO COUPLING<br>MINIATURE ENCAPSULATED TRANSFORMER   | <b>MET-05</b><br>MODEL SPECIFICATION |          |            |
| QUALITY CONTROL:<br>T. CLEM | CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE  |          | <b>TAMURA CORPORATION OF AMERICA</b><br>43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624<br>(951) 699-1270 FAX 9516769482 |                                      |          |            |
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|                             |  |          | DIM: mm(In)  |                                      | SCL: 2/1 | SH: 1 OF 1 |