

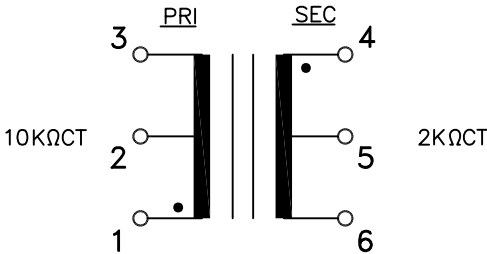
REV.	Status
REVISION - 09/09/97 TS	
REVISION A REVISED AND REDRAWN ON CAD 9/9/97 TS	
REVISION B ADDED RoHS 12/02/05 MP	
REVISION C ADDED TEMP RATING 4/30/15 MP	

TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 2KΩCT LOAD ON SECONDARY.

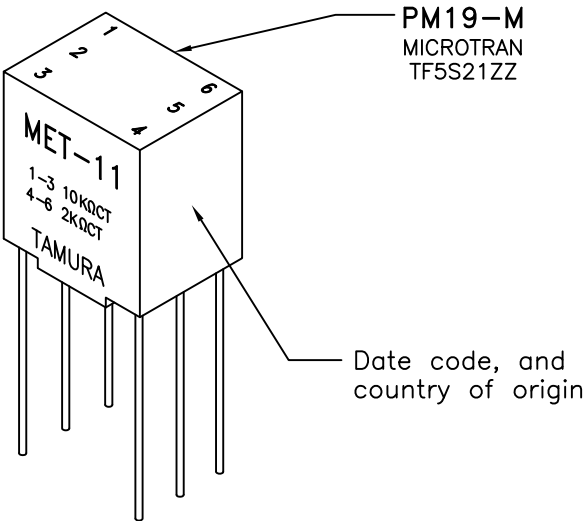
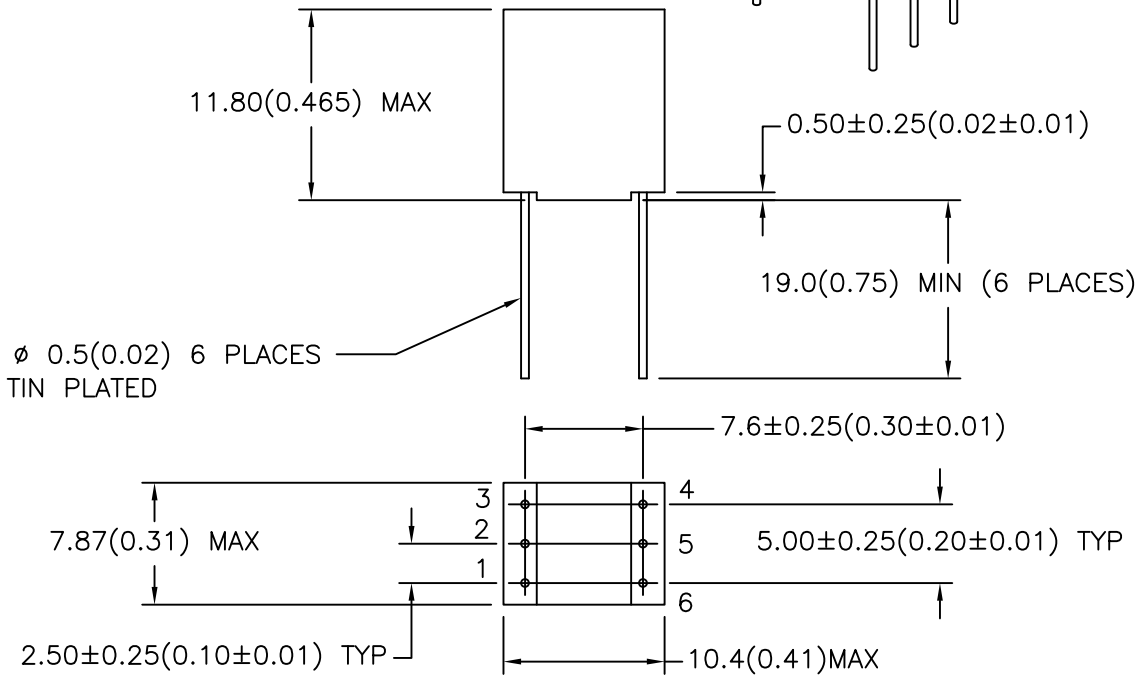
- A. Electrical Specifications (@ 20 ° C)
- Pri Source Impedance; 10KΩ CT
 - Sec Load Impedance; 2KΩ CT
 - Pri DC Current; 1 mA MAX
 - Operating Level; 40 mW MAX @ 300 Hz
 - Frequency Response (relative to 1 KHz); ±2.0 dB, @ 300 Hz to 100 KHz
 - Longitudinal Balance; 60 dB MIN @ 1 KHz
 - DC Resistance;
 - (1-3) 1000Ω ±20%
 - (4-6) 300Ω ±20%
 - Turns Ratio; (1-3) : (4-6) = 2.23 : 1 ±2%
 - Dielectric Strength;
 - 500 Vrms 0.5 minute @ Pri - Sec
- B. Marking; MET-11, TAMURA, Primary and Secondary Impedence, PM19-M, MICROTRAN, TF5S21ZZ, 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)
≤ 4 ± 0.2
4 ≤ 20 ± 0.3
20 ≤ 50 ± 0.4

PREPARED BY:
C. POPPE

ENGINEER:	DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION
MATHI P.	P-A1-10285	C	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MET-11
SAFETY ENGINEER	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE			DIM: mm[In] SCL: 2/1 SH: 1 OF 1
APPROVED:	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.			
M. PITCHAI				