PM29-M

MICROTRAN TF5S21ZZ

Date code, and

REV. Status

REVISION -19/01/95 TS

REVISION A REV'D MARKING ADDED PM29-M 12/17/96 TS

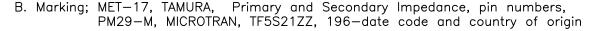
REVISION B ADDED RoHS 12/02/05 MP

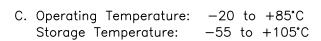
REVISION C ADDED TEMP **RATING** 5/4/15 MP

TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 500ΩCT LOAD ON SECONDARY.

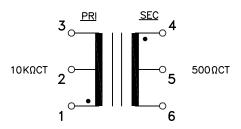
- A. Electrical Specifications (@ 20 ° C)
  - 1. Pri Source Impedance;  $10 \text{K}\Omega$  CT 2. Sec Load Impedance;  $500\,\Omega$  CT

  - 3. Pri DC Current; 1 mA MAX4. Operating Level; 40 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)  $1000 \Omega \pm 20\%$  (4-6)  $80\Omega \pm 20\%$  8. Turns Ratio; (1-3) : (4-6) = 4.47 : 1  $\pm 2\%$
  - 9. Dielectric Strength;
    - 500 Vrms 0.5 minute @ Pri Sec

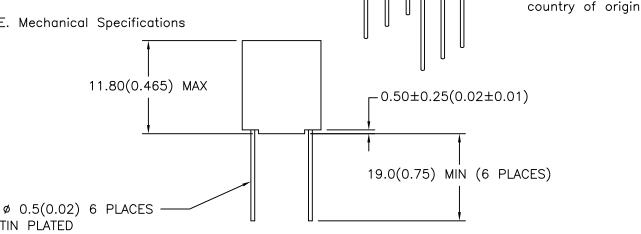




D. Schematic Diagram

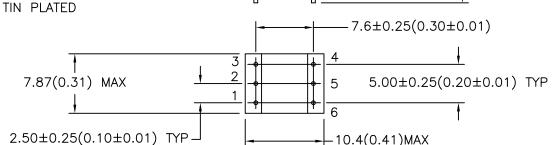


E. Mechanical Specifications



M<sub>ET-17</sub>

1-3 10knct 500nct  $T_{AMURA}$ 



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

PREPARED BY:

C. POPPE

0 0							
ENGINEER:	DRAWING CONTROL NO.	REV	MODEL DESCRIPTION	MODEL SPECIFICATION			
MATHI P.	P-A1-11406	C	AUDIO COUPLING MINIATURE ENCAPSULATED XFMR	MFT-17			
SAFETY ENGINEER	CONTENTS OF THIS DRAWIN	G ARE	TAMURA CORPORATION OF AMERICA	I * I - I /			
	PRIOR NOTICE	IHOUI	1040 SOUTH ANDREASEN DRIVE, #100 ESCONDIDO, CA. 92029 (951) 699-1270 FAX 7607400536	DIM: mm[ln]	SCL: 2/1	SH: 1 0F	1
APPROVED:			THE STATE OF THE S				

APPROVED: M. PITCHAI

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