



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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TELECOMMUNICATION DRY COUPLING TRANSFORMER DESIGNED TO OPERATE AT A MAX LEVEL OF +7dBm AND TO REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 600Ω WITH 600Ω/600Ω LOAD ON SECONDARY

MODEL NUMBER  
**TTC-10**

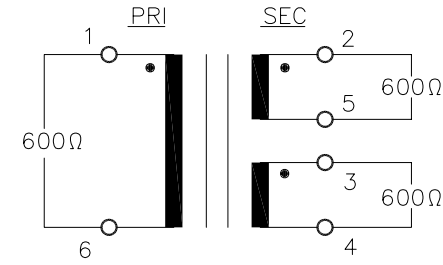
REV. Status

- REVISION - 04/08/94 TS
- REVISION A ADDED T2220 MICROTRAN AND SAFETY 10/05/95 TS
- REVISION B REVISED DIM MAX HEIGHT WAS 18.8(0.74) 01/31/96 TS
- REVISION C ADDED RoHS. UL1459 WAS UL1863. DIM 20.3(0.799) WAS 19.8(0.781) 10/17/06 MP

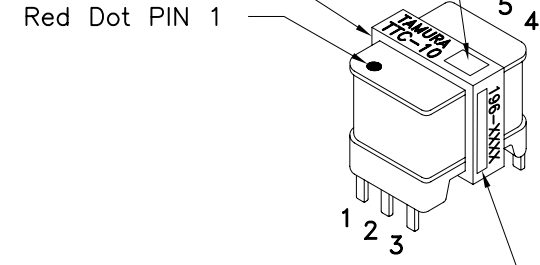
- A. Electrical Specifications (@ 25 ° C)
1. Pri Source Impedance; 600Ω
  2. Sec Load Impedance; 600Ω/600Ω
  3. Operating Level; +7 dBm MAX
  4. Insertion Loss; 1.2 dB MAX @ 1 KHz, 0 dBm
  5. Frequency Response; ±0.5 dB 300 Hz to 3.5 KHz @ 0 dBm
  6. Longitudinal Balance; 60 dB MIN @ 200 Hz to 1 KHz  
40 dBm MIN @ 4 KHz
  7. DC Resistance; (1-6) = 57 Ω ±20%  
(2-5) = 42 Ω ±20%  
(3-4) = 42 Ω ±20%
  8. Turns Ratio; (1-6) : (2-5) = 1 : 0.736 ±2%  
(1-6) : (3-4) = 1 : 0.736 ±2%
  9. Dielectric Strength; 1500 Vrms 1 minute @ Pri to Sec, and Core  
1000 Vrms 1 minute @ Sec to Core  
150 Vrms 1 minute @ Sec to Sec
  10. Note: All testing will be calibrated based on 600Ω vs 1200Ω CT impedance matching and connection
- B. Marking; TTC-10, TAMURA, T2220, MICROTRAN, safety agency logos, 196-date code and country of origin
- C. Safety; CSA-22.2 No. 66-M1988 File No. LR81383  
UL 1459 File No. E142035



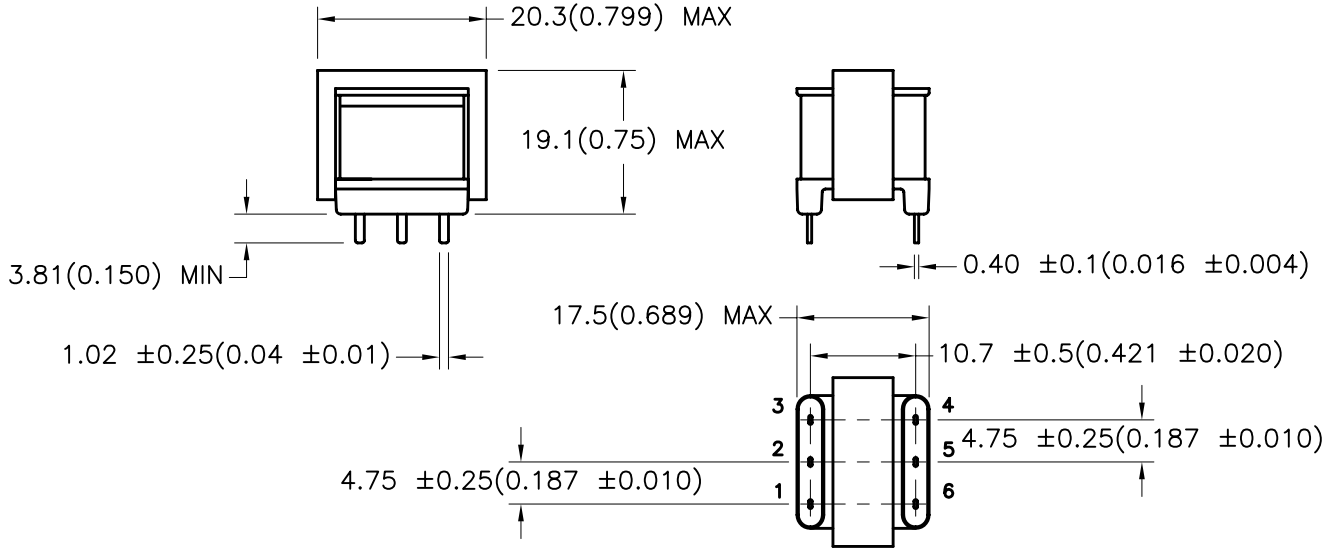
D. Schematic Diagram



MICROTRAN and T2220



E. 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-A1-11024 ACAD/TTC/A1110241.DWG	REV C	TELECOMMUNICATION COUPLING TRANSFORMER	<b>TTC-10</b> MODEL SPECIFICATION
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE <b>TAMURA CORPORATION OF AMERICA</b> 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (951) 699-1270 FAX 9516769482		DIM: mm(In) SCL: 1/1 SH: 1 OF 1	

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