



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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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV. Status

.625" LOW PROFILE HIGH PERFORMANCE TELECOMMUNICATIONS TRANSFORMER 600CT:600CT

REVISION -
11/7/95 TS

REVISION A
NEW
FORMAT
07/08/98

REVISION B
CHANGED C
WAS UL1865
CHANGED E PIN
LENGTH WAS 3.0
03/08/00 TS

- A. Electrical Specifications (at 25° C)
1. Pri Source Impedance; 600Ω
 2. Sec Load Impedance; 600Ω
 3. Pri DC Current; 80mA MAX
 4. Operating Level; -45dBm to +7dBm
 5. Insertion Loss; 2.2dB MAX at 1KHz, 0dBm, DC80mA.
 6. Frequency Response (relative to 1KHz) ±0.5dB from 300Hz to 3.5KHz, 0dBm, DC80mA
 7. Return Loss; 28dB TYP at 320Ω plus 0.064μF parallel load
14dB TYP at 600Ω load
 8. Longitudinal Balance; 60dB MIN from 200Hz to 1KHz
 9. DC Resistance; 40dB MIN at 4KHz
(Pri) = 95Ω ±10%
(Sec) = 180Ω ±10%
 10. Turns Ratio; (Pri) : (Sec) = 1 : 1.00 ±2%
 11. Dielectric Strength; 1500Vrms 1 minute from Pri to Sec, Pri to Core
1000Vrms 1 minute from Sec to Core
150Vrms 1 minute from Sec to Sec

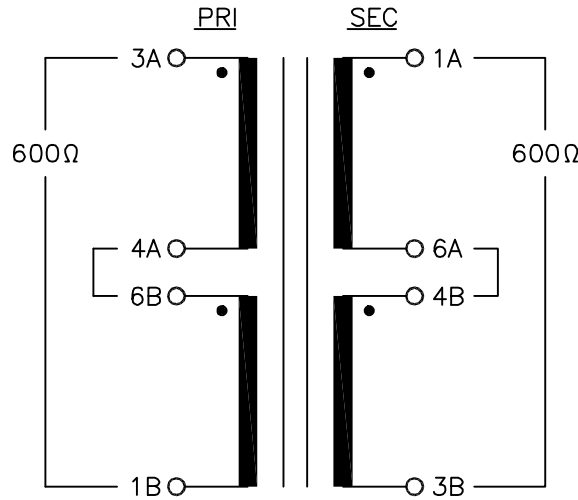
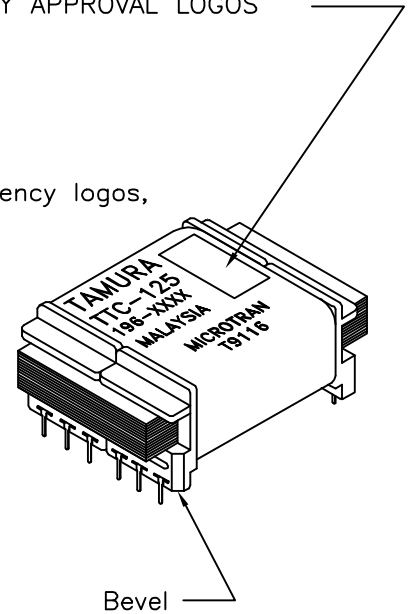


MODEL NUMBER

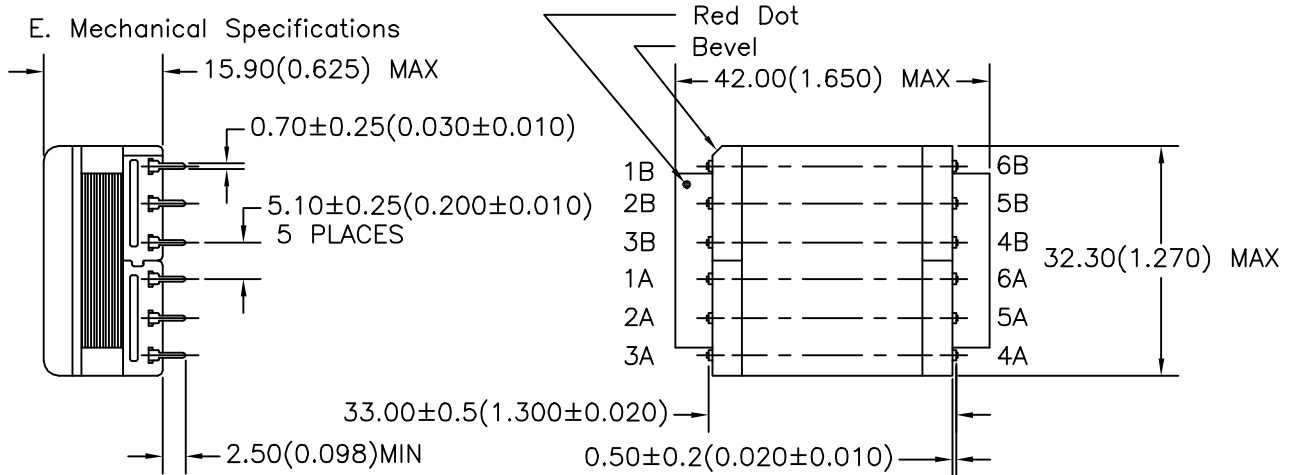
TTC-125

- B. Marking; TAMURA, TTC-125, MICROTRAN, T9116, safety agency logos, 196-date code and country of origin
- C. Safety: CSA C22.2 No. 66-M1988 File No. LR81383
UL 1459 File No. E142035
- D. Schematic Diagram
Necessary external connections: Short 4A-6B, 6A-4B

SAFETY APPROVAL LOGOS



E. Mechanical Specifications



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

PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO.
P-A1-11450
ACAD\TTC\A1114501.DWG

REV
B

TELECOMMUNICATION COUPLING
TRANSFORMER

TAMURA CORPORATION OF AMERICA
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
(909) 699-1270 FAX 9096769482

TTC-125
MODEL SPECIFICATION
DIM: mm(In) SCL: 1/1 SH: 1 OF 1

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