



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 MODEM COUPLING TRANSFORMER FOR WET APPLICATIONS

MODEL NUMBER
TTC-5010

REV. Status

REVISION -
12/10/01 MP

REVISION A
DEL SAFETY
EN60950 ADDED
RoHS
04/19/04 MP

REVISION B
ADDED "A" CLASS
TO MARKING
NOTE. REV'D PIN
DIMS
05/16/06 MP

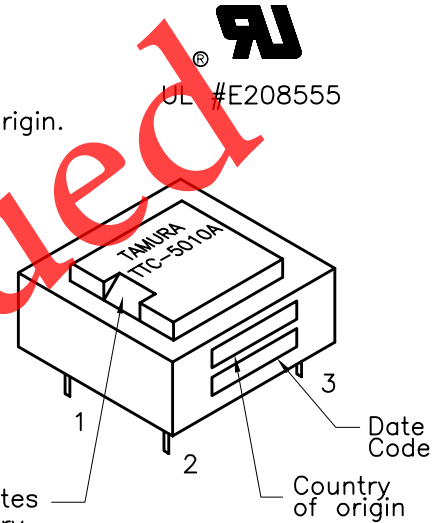
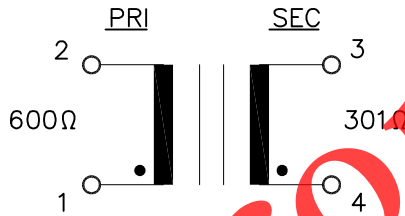
- A. Electrical Specifications (@ 25°C)
1. Pri Source Impedance; 600Ω
 2. Sec Load Impedance; 301Ω
 3. Operating Level; -20dBm to +4dBm
 4. Insertion Loss;
3.75dB MAX @ 1KHz, 0dBm, DC 65mA
 5. Frequency Response (relative to 1 KHz)
±4.0dB @ 300Hz to 600Hz, 0dBm
±1.0dB @ 600Hz to 3.5KHz, 0dBm
 6. Longitudinal Balance;
66dB MIN @ 60Hz to 1KHz
46dB MIN @ 1KHz to 4KHz
(Per FCC Part 68.310 with 4 grounded)
 7. DC Resistance;
(1-2)=152Ω ±15%
(3-4)=152Ω ±15%
 8. Turns Ratio; (1-2):(4-3) = 1:1.00±2%
 9. Dielectric Strength;
3750Vrms 1 second Pri to Sec



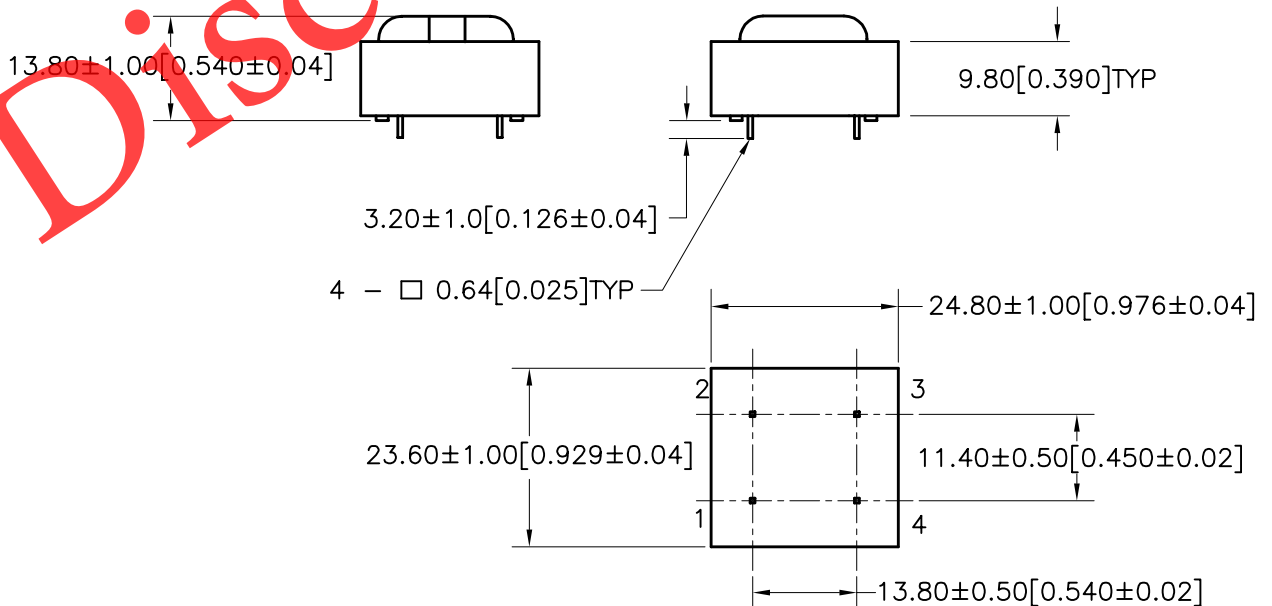
B. Marking; TTC-5010A, TAMURA, date code and country of origin.
"A" designates UL approved family classification.

C. Safety: UL1950 3rd Edition, UL60950

D. Schematic Diagram



E. Mechanical Specifications



PREPARED BY:

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ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO. P-A1-12313
ACAD\TTC\A1123131.DWG

REV B

MODEM COUPLING TRANSFORMER

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(951) 699-1270 FAX 9516769482

TTC-5010

MODEL SPECIFICATION

DIM: mm [In] SCL: 1/1 SH: 1 OF 1

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