



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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MINIATURE FCC68 TELECOMMUNICATION DRY COUPLING TRANSFORMER 600:600

MODEL NUMBER
TTC-170

REV. Status

REVISION -
03/30/92 TS

REVISION D
TEMECULA
-WAS-
CARSON
1/13/93 TS

REVISION E
UPDATED
FORMAT AND
ADDED SAFETY
5/26/95 TS

REVISION F
DEL NOTE 7
Pri Impedance;
500Ω ±15% @
1KHz, 0.145V,
DC0mA
6/12/95 TS

REVISION G
ADDED
STANDOFF DIM
04/08/98 TS

REVISION H
NEW
FORMAT
07/02/98 TS

REVISION J
ADDED RoHS
02/02/06 MP

A. Electrical Specifications (@ 25° C)

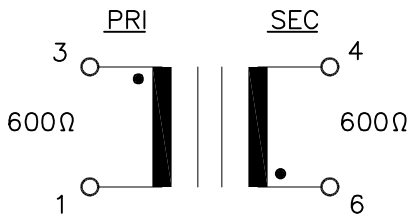
1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 0mA MAX (1-3)
4. Operating Level; 0dBm MAX
5. Insertion Loss;
1.5dB MAX @ 1KHz, DC0mA
6. Frequency Response (relative to 1KHz);
±0.5dB @ 300Hz to 3.5KHz, 1V, DC0mA
7. Longitudinal Balance; 60dB min @ 200Hz to 4KHz
8. DC Resistance;
(1-3) = 47Ω ±15%
(4-6) = 61Ω ±15%
9. Turns Ratio; (1-3) : (4-6) = 1 : 1.00 ±2%
10. Dielectric Strength;
1500 Vrms 1 minute @ Pri to Sec, Pri to Core
1000 Vrms 1 minute @ Sec to Core



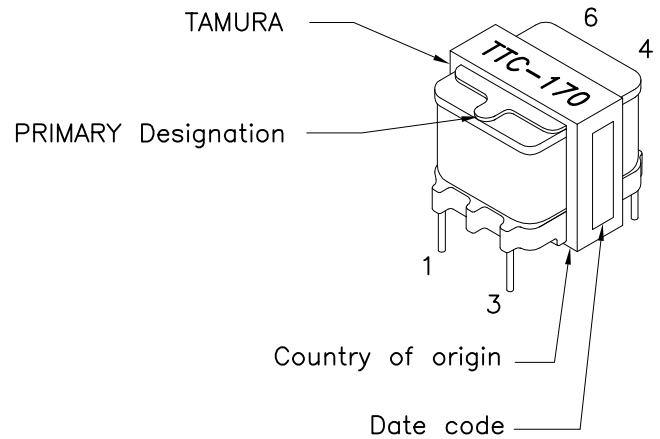
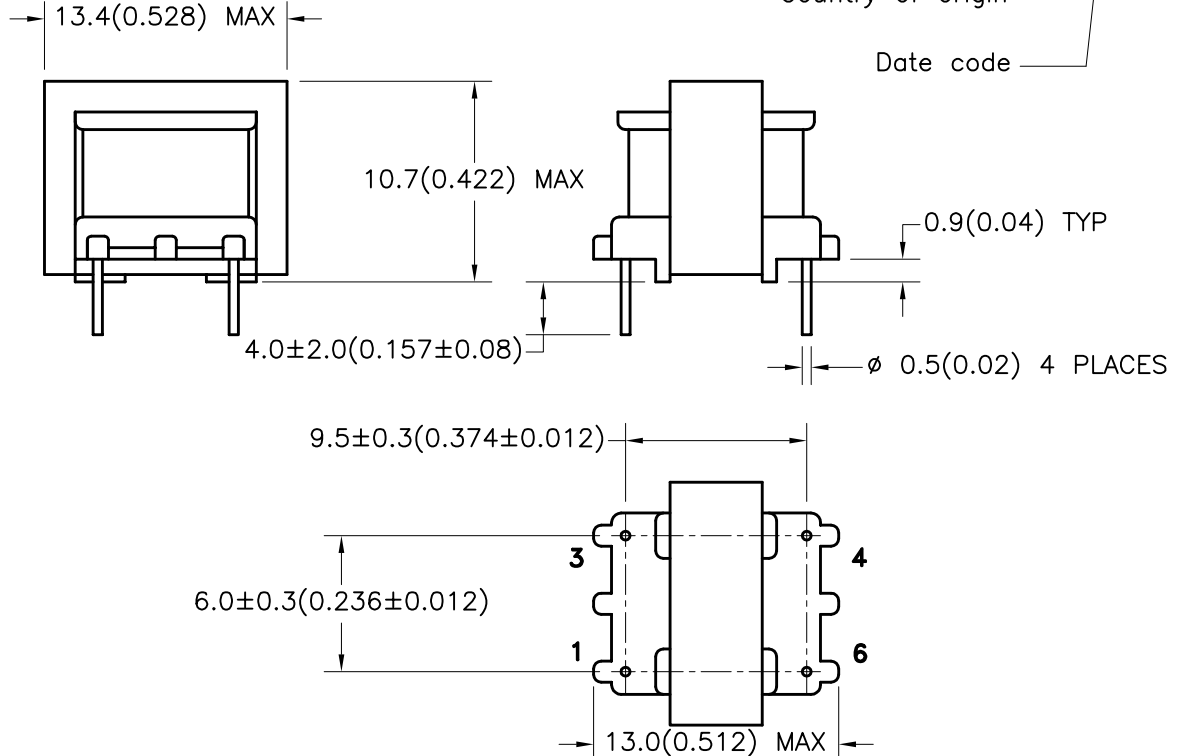
B. Marking; TTC-170, TAMURA, Date Code and Country of origin

C. Safety; CSA C22.2 No. 66-M1988 File No. LR81383
UL 1459 File No. E142035

D. Schematic Diagram



E. Mechanical Specifications



PREPARED BY:

K. BRENNAN

ENGINEER:

M. PITCHAI

QUALITY CONTROL:

T. CLEM

APPROVED:

Y. SEKIGUCHI

DWG CONTROL NO.
P-A1-10166
ACAD\TTC\A1101661.DWG

REV
J

TELECOMMUNICATION COUPLING
TRANSFORMER

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PRIOR NOTICE

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TTC-170

MODEL SPECIFICATION

DIM: mm(In) SCL: NONE SH: 1 OF 1

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