



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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HDSL transformer designed for use with Level One HDSL IC chips SK70706/SK70721 at 784, 528 and 400Kbps rates.

A. Electrical Specifications (@ 25°C)

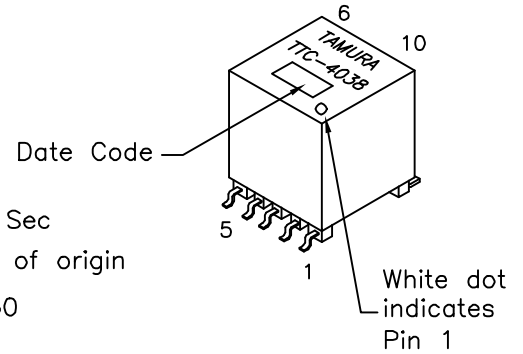
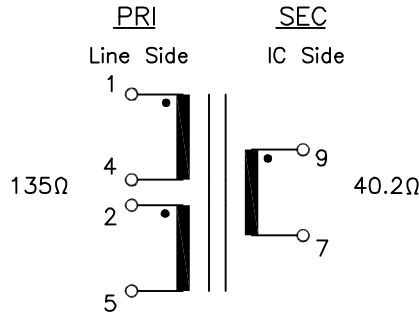
1. Primary (Line side) Impedance; 135Ω
2. Secondary (IC side) Impedance; 40.2Ω
3. Longitudinal Balance; 50dBm MIN @ 40KHz TO 300KHz, 0dBm (Per FCC part 68.310, pin 7 grounded)
4. Insertion Loss; 0.75dB MAX @ 100KHz, 0dBm
5. Total Harmonic Distortion; -80dB TYP @ 5KHz, 5Vp-p
6. Primary Open Circuit Inductance; 2.92mH ±5% @ 10KHz, 1.0Vrms Measured (1-5) with 2 & 4 shorted
7. DC Current; 160mA
8. DC Resistance; (1-4)=2.11Ω ±10%  
(2-5)=2.11Ω ±10%  
(7-9)=2.63Ω ±10%
9. Turns Ratio; (1-4):(2-5)=1:1.00±2%  
(7-9):(1-5)=1:1.80±2%  
2 & 4 shorted

10. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec

B. Marking; TTC-4038, TAMURA, date code and country of origin

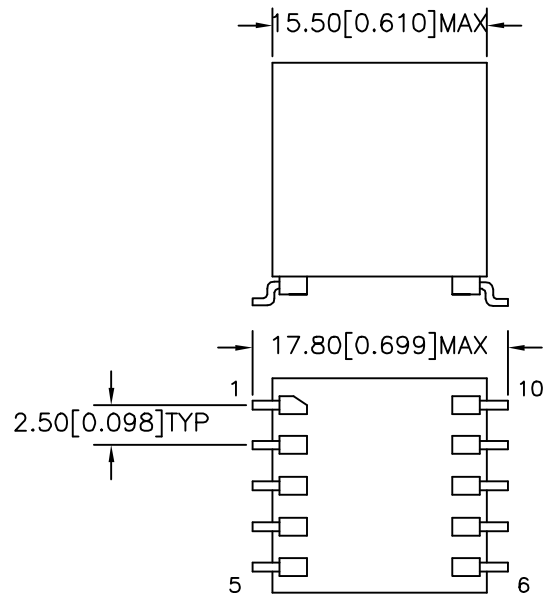
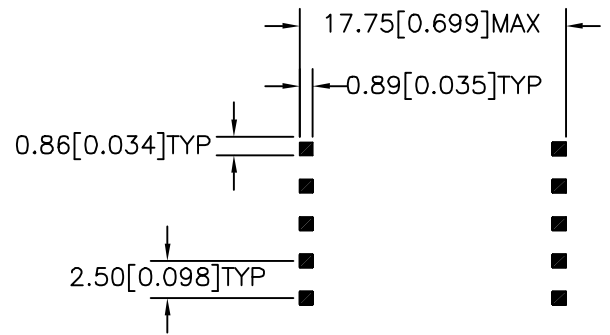
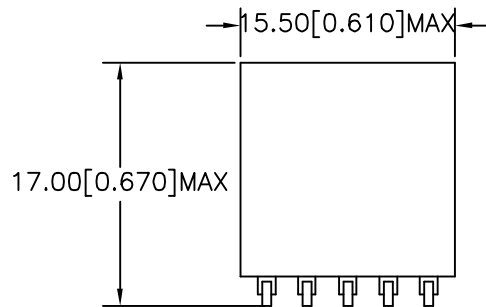
C. Safety; Complies with UL1950 3rd Edition and IEC950

D. Schematic;



MODEL NUMBER  
**TTC-4038**

E. Mechanical Specifications;



PREPARED BY:

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ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.  
P-A1-12364  
ACAD\TTC\A1123641.DWG

REV  
**PRE**

HDSL  
TRANSFORMER

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(909) 699-1270 FAX 9096769482

**TTC-4038**

MODEL SPECIFICATION

DIM: mm(in) SCL: 2/1 SH: 1 OF 1

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