

Excellent Integrated System Limited

Stocking Distributor

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[Tamura](#)

[TTC-4038](#)

For any questions, you can email us directly:

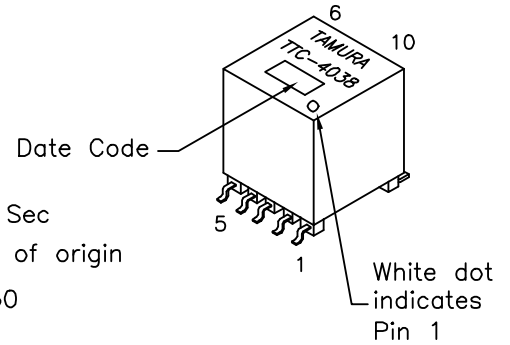
sales@integrated-circuit.com

REV. Status
 PRELIMINARY
 02/23/00 MP

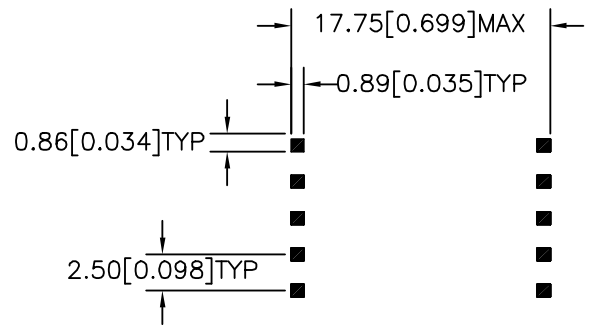
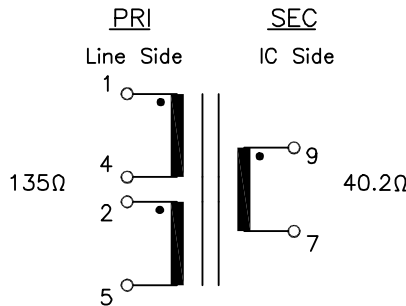
HDSL transformer designed for use with Level One HDSL IC chips SK70706/SK70721 at 784, 528 and 400Kbps rates.

- 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

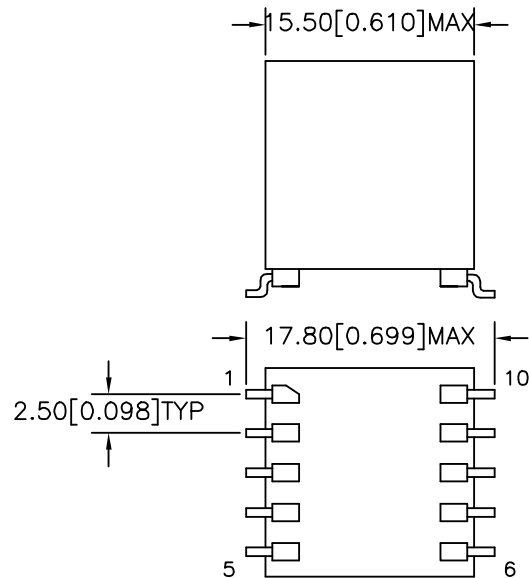
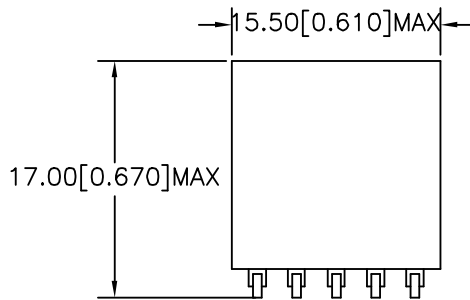
10. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec
- B. Marking; TTC-4038, TAMURA, date code and country of origin
- C. Safety; Complies with UL1950 3rd Edition and IEC950
- D. Schematic;



MODEL NUMBER
TTC-4038



E. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

M. Pitchai

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

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

REV
 PRE

HDSL
 TRANSFORMER

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

TTC-4038

MODEL SPECIFICATION
 DIM: mm(In) SCL: 2/1 SH: 1 OF 1

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