

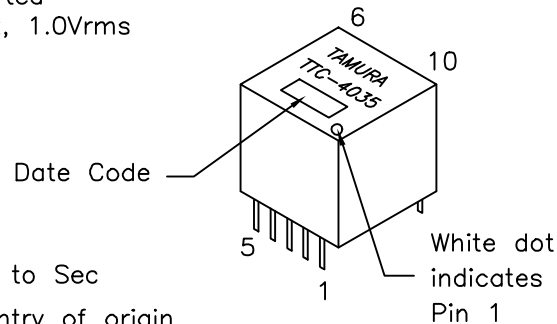
HDSL transformer designed for use with Level One HDSL IC chips SK70704/SK70707 at 1168kbps rates

MODEL NUMBER

TTC-4035

A. Electrical Specifications (@ 25 °C)

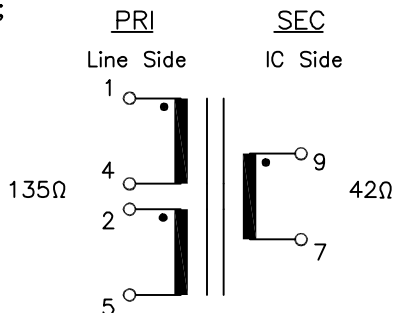
1. Primary (Line side) Impedance; 135Ω
2. Secondary (IC side) Impedance; 42Ω
3. Longitudinal Balance; 53dBm MIN @ 500Hz TO 292KHz, 0dBm (Per FCC part 68.310, pin 7 grounded)
4. Insertion Loss; 1.0dB MAX @ 100KHz, 0dBm
5. Total Harmonic Distortion; -84.5dB TYP @ 5KHz, 1.45Vrms
6. Primary Open Circuit Inductance; 0.60mH ±5% @ 10KHz, 1.0Vrms Measured (9-7)
7. Leakage Inductance; 20μH MAX @ 100KHz, 0.1Vrms Measured (9-7) with 2 & 4, and 1 & 5 shorted
8. Interwinding Capacitance; 75pF MAX @ 100KHz, 1.0Vrms Measured (1-9) with 2 & 4 shorted
9. DC Resistance; (1-4)=3.46Ω ±10%  
(2-5)=3.46Ω ±10%  
(7-9)=3.23Ω ±10%
10. Turns Ratio; (1-4):(2-5)=1:1.00±2%  
(7-9):(1-5)=1:1.80±2%  
2 & 4 shorted
11. Dielectric Strength; 1875Vrms 1 second @ Pri to Sec



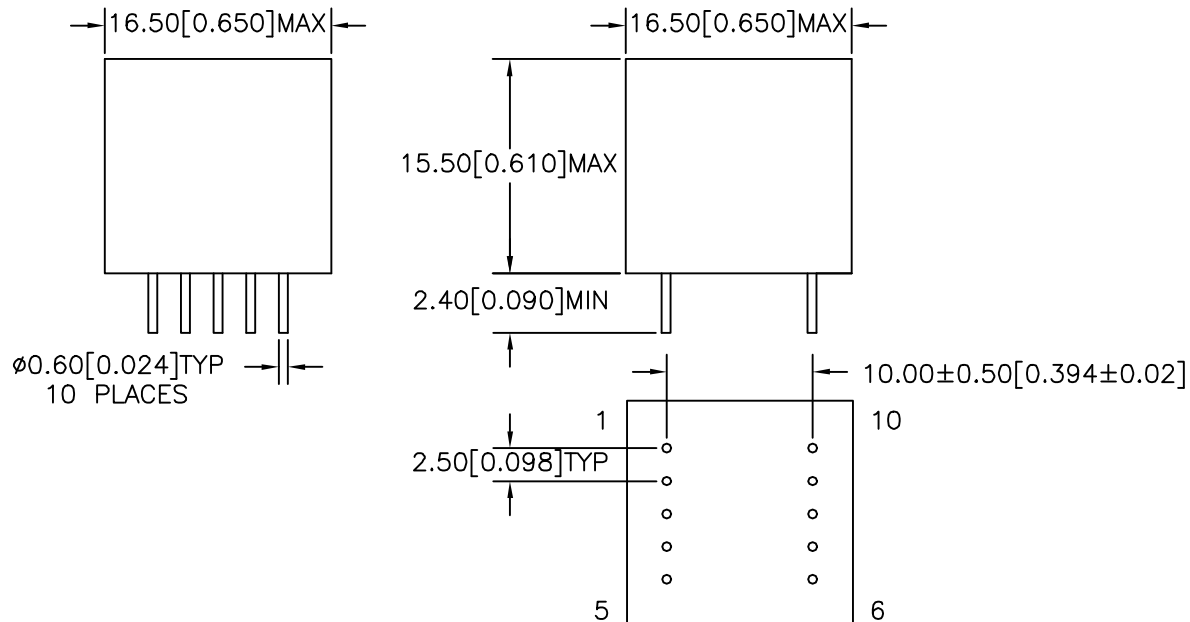
B. Marking; TTC-4035, TAMURA, date code and country of origin

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

D. Schematic;



E. Mechanical Specifications;



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DWG CONTROL NO.  
P-A1-12358  
ACAD\TTC\A1123581.DWG

REV  
PRE

HDSL  
TRANSFORMER

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

TTC-4035

MODEL SPECIFICATION

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

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