

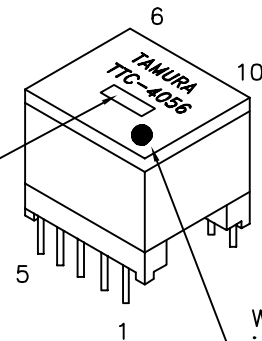
REV. Status

PRELIMINARY
05/30/00 MPPRELIMINARY 1
ADDED
DESCRIPTION.
11/29/00 MP

HDSL2 transformer for Conexant CN8980 chipset

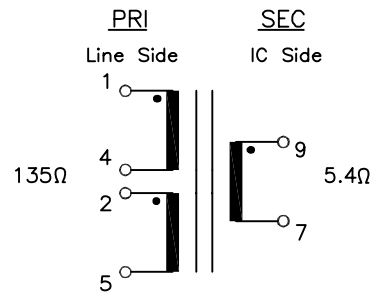
A. Electrical Specifications (@ 25°C)

1. Primary (Line side) Impedance; 135 Ω
2. Secondary (IC side) Impedance; 5.4 Ω
3. Total Harmonic Distortion; -85dB TYP, 100KHz, 5Vp-p
4. Primary Open Circuit Inductance; 2.0mH $\pm 10\%$ @ 10KHz, 0.1Vrms, 0/150mAdc, measured (1-5) with 2 and 4 shorted
5. Leakage Inductance; 500nH MAX @ 100KHz, 10mVrms Measured (7-9) with 2 & 4, and 1 & 5 shorted
6. DC Current; 150mA
7. DC Resistance; (1-4) (2-5)=0.57 Ω $\pm 10\%$
(7-9)=0.25 Ω $\pm 10\%$
8. Turns Ratio; (1-4):(2-5)=1:1.00 $\pm 1\%$
(7-9):(1-5)=1:5.00 $\pm 1\%$, 2 & 4 shorted
9. Dielectric Strength; 1500Vrms 1 second @ Pri to Sec

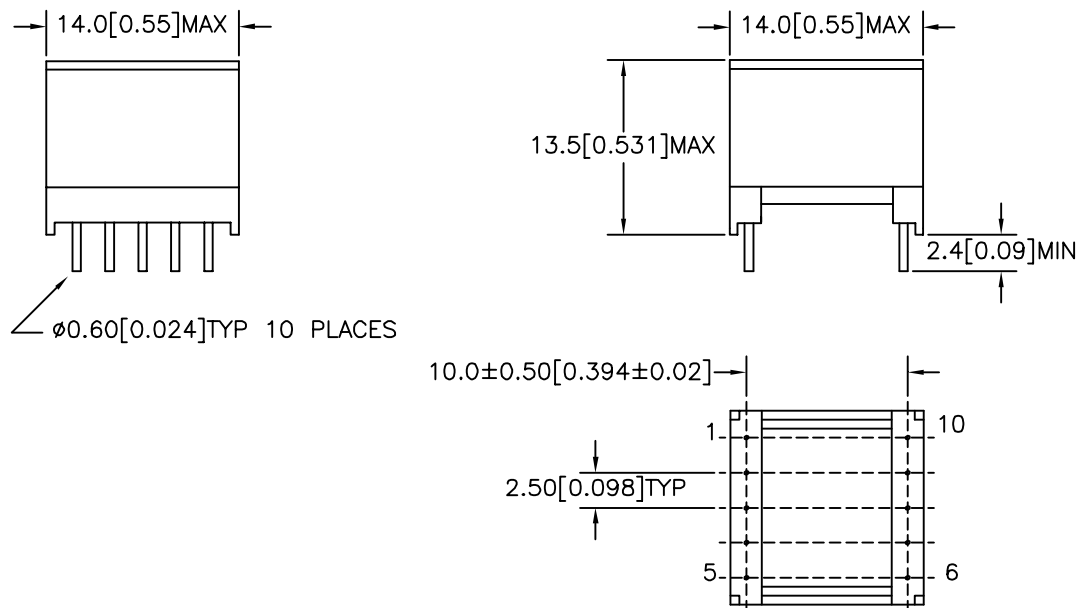
Date
CodeWhite dot
indicates
Pin 1

B. Marking; TTC-4056, TAMURA, date code and country of origin

C. Schematic;



D. Mechanical Specifications;



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12501
ACAD\TTC\A1125011.DWGREV
PR1HDSL2
TRANSFORMER
TAMURA CORPORATION OF AMERICA
 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624
 (909) 699-1270 FAX 9096769482

TTC-4056

MODEL SPECIFICATION

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

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MODEL NUMBER

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