

PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

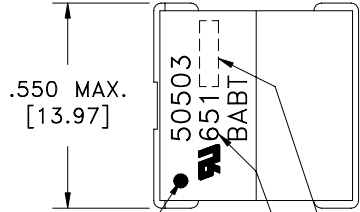
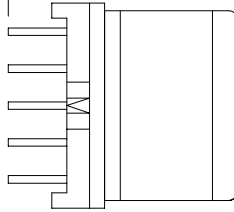
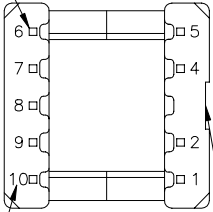
* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY

.021 SQ.(9)
[.53]

.100/.130 *
[2.54/3.30]

-.A-
.500 MAX.
[12.70]

.550 MAX.
[13.97]

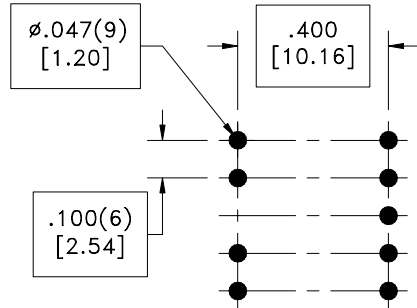
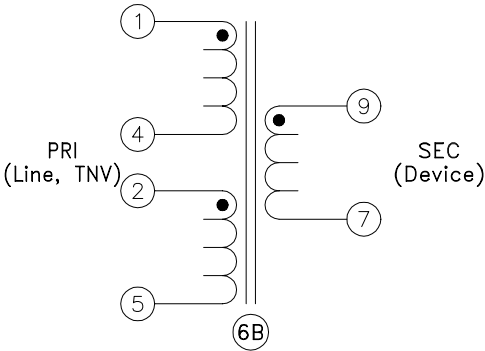


DOT LOCATES TERM. #1

NOTCH LOCATES TERM. 1-5 SIDE

LOT CODE & DATE CODE

TERM. NO.'s FOR REF. ONLY



RECOMMENDED P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 50dB min., 40k - 300kHz, per FCC part 68.310, with terminal 9 grounded.

D.C. RESISTANCE (@20°C):
9-7, 2.63 ohms ±10%.
1-4, 2.13 ohms ±10%.
2-5, 2.13 ohms ±10%.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 9-1; 9-5.

INDUCTANCE: 2.92mH ±5%, 10kHz, 1.0VAC, 0/160mADC, 1-5(tie 2+4), Ls.

TURNS RATIO: (1-5):(9-7) = 1.8:1, tie(2+4), ±1%.

TOTAL HARMONIC DISTORTION: -80dB typ., 5000Hz, 5Vp-p, 40.2 ohm load, 135 ohm input, tie(2+4).

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Designed for use with Level One p/n: SK70704/SK70706 HDSL ic at 784kbps.

Designed to comply with the following requirements as defined by IEC60950, EN60950, UL60950/CSA60950 and AS/NZS60950:
- Supplementary insulation for a primary circuit at a working voltage of 250Vrms.

AGENCY NUMBER	
UL 60950	NC/012203
UL 60950 (Via CUL)	E205930
IEC 60950 (Via CB cert.)	US/8104/UL
JAPAN (Via CB cert.)	US/8104/UL
ACA/AUSTEL (Via CB cert.)	US/8104/UL

DETAILS SUBJECT TO CHANGE

Midcom, Inc.
Watertown, SD USA
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Fax: 605-886-4486

Unless otherwise specified:
Tolerances: Fractions: ±1/64
Angles: ±1° Decimals: ±.005[.13]

DRAWING TITLE
TRANSFORMER

Midcom

DRAWING NO. **50503** REV. 6F
8/04

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 6

This drawing is dual dimensioned.
Dimensions in brackets are in millimeters.

DWG.# 50503