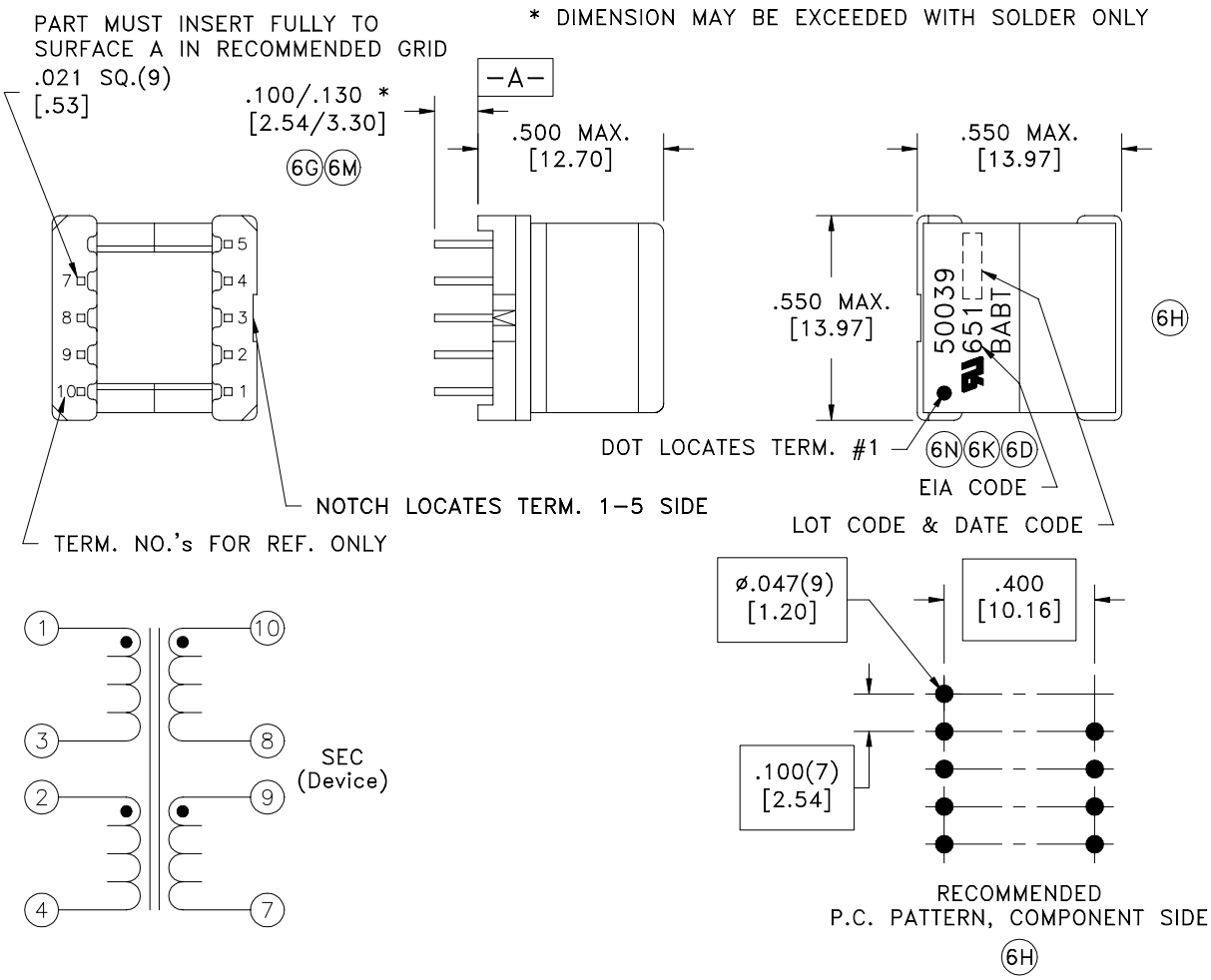

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

	IMPEDANCE:	Designed to reflect 100 ohms on PRI with 196 ohms on SEC.
	LONGITUDINAL BALANCE:	60dB min., 20k – 250kHz, per ITU method.
	D.C. RESISTANCE (@20°C):	1–3, 0.70 ohms ±10%. 2–4, 0.70 ohms ±10%. 10–8, 1.09 ohms ±10%. 9–7, 1.09 ohms ±10%.
6B	DIELECTRIC RATING:	1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1–10; 1–9; 2–10; 2–9.
	INDUCTANCE:	476.5uH ±5%, 10kHz, 100mVAC, 1–4(tie 2+3), Ls.
6M	LEAKAGE INDUCTANCE:	10uH max., 100kHz, 100mVAC, 1–4(tie 2+3, 8+9, 7+10), Ls.
6L	TURNS RATIO:	(10–7):(1–4) = 1.4:1, tie(8+9, 2+3), ±2%.
6D	INTERWINDING CAPACITANCE:	18pF max., 10kHz, 1.0VAC, 1–10(tie 2+3, 8+9), Cs.
6L 6Q	TOTAL HARMONIC DISTORTION:	–80dB max., 100kHz, 5.3Vrms drive signal at PRI, 196 ohm load, 100 ohm input, tie(2+3, 8+9).
6P	OPERATING TEMPERATURE RANGE: –40°C to +85°C.	

6B 6L 6N 6Q 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.

DETAILS SUBJECT TO CHANGE

6G 6Q

AGENCY	NUMBER
6N BABT	NC/012203
6N 6K UL 60950	E205930
6N 6K CSA 60950 (Via CUL)	E205930
IEC 60950 (Via CB cert.)	US/8104/UL
AUSTEL (Via CB cert.)	US/8104/UL
JAPAN (Via CB cert.)	US/8104/UL

Midcom, Inc.
Watertown, SD USA
Toll Free: 800-643-2661
Fax: 605-886-4486

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

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

DRAWING TITLE
TRANSFORMER

Midcom

DRAWING NO. **50039**

REV. 6Q 7/04

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 7

DWG.# 50039

6N