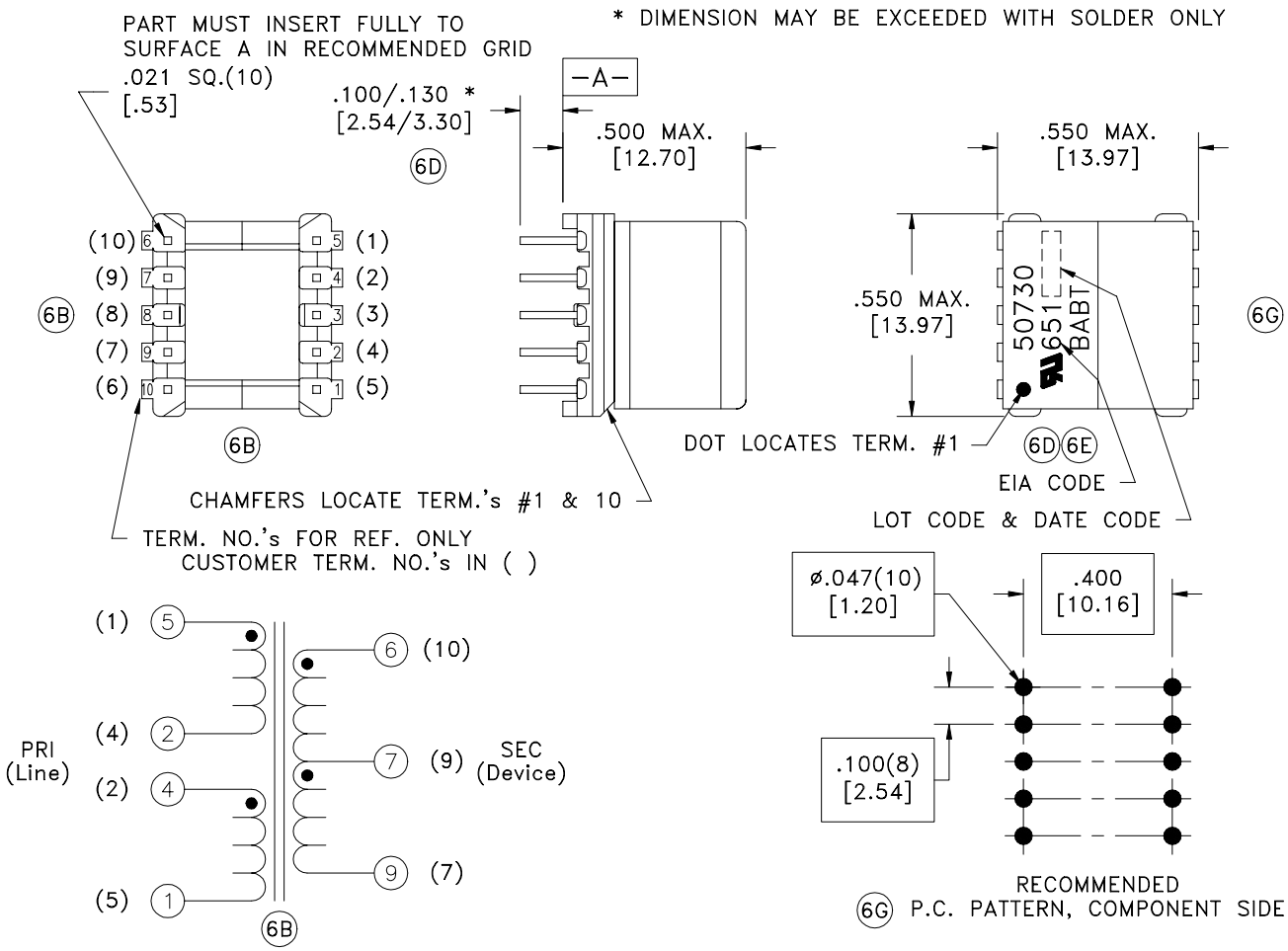

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

	LONGITUDINAL BALANCE:	55dB min., 20k – 560kHz, per ITU Method (L->M).
6B	D.C. RESISTANCE (@20°C):	1–4, 1.86 ohms ±10%. 2–5, 1.86 ohms ±10%. 6–9, 0.90 ohms ±10%.
6B 6D 6F	DIELECTRIC RATING:	2000VAC for 1 minute tested by applying 2050VAC for 1 second between 5–6; 4–6.
	INDUCTANCE:	2mH ±10%, 10kHz, 1.0VAC, 0/100mADC, 1–5(tie 2+4), Ls.
6B	LEAKAGE INDUCTANCE:	35uH max., 100kHz, 100mVAC, 1–5(tie 2+4, 6+9), Ls.
6B	RETURN LOSS:	15dB min., 50k – 200kHz, 25.5 ohm load, 135 ohm input, tie(2+4).
6B	TURNS RATIO:	(5–1):(6–9) = 2.3:1, tie(2+4), ±2%.
	TOTAL HARMONIC DISTORTION:	–80dB max., 20kHz, 4.95Vrms, 25.5 ohm load, 135 ohm input, tie(2+4).
6B	INTERWINDING CAPACITANCE:	60pF max., 100kHz, 100mVAC, 5–6(tie 2+4), Cs.
	OPERATING TEMPERATURE RANGE:	–40°C to +85°C.

6D 6E 6F 6K

AGENCY	NUMBER
6F 6E BABT	NC/012205
IEC 60950-1 (Via CB cert.)	US/9168/UL
6E ACA/AUSTEL (Via CB cert.)	US/9168/UL
6E JAPAN (Via CB cert.)	US/9168/UL
UL 60950-1	E205930
CSA 60950-1 (Via CUL)	E205930

6D 6F 6K Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Supplementary insulation for a primary circuit at a working voltage of 250Vrms.
- Reinforced insulation for a secondary circuit at a working voltage of 150VDC.

DETAILS SUBJECT TO CHANGE

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. **50730**

REV. 6K 11/05

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 6 6C

DWG.# 50730