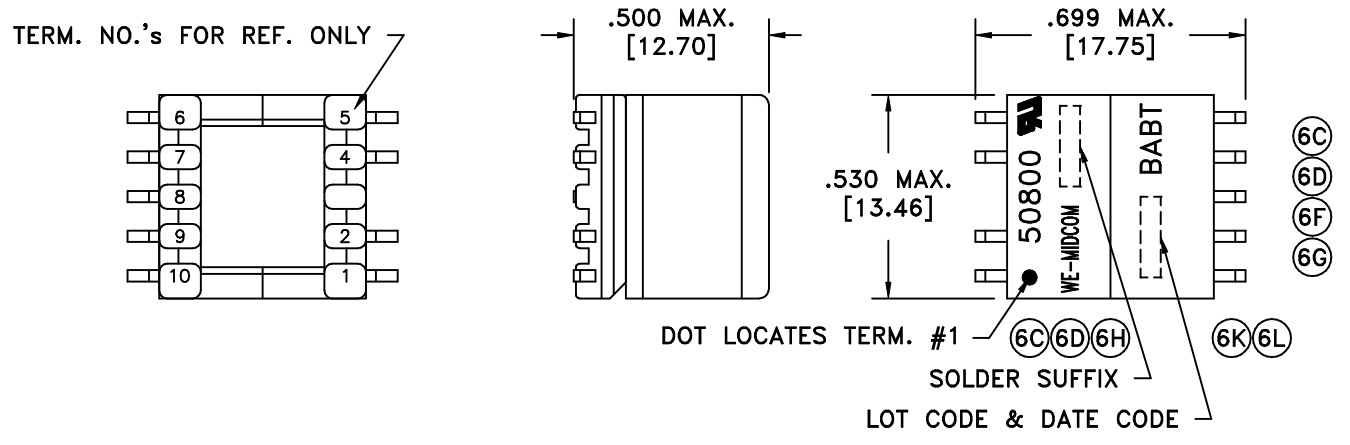
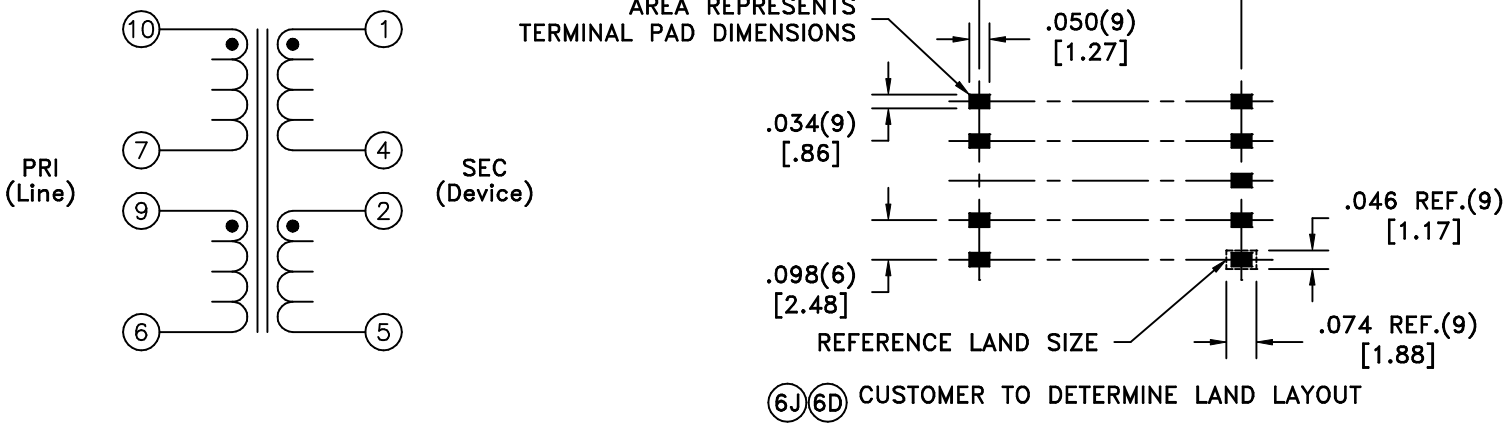
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE (6L)
	Sn63%, Pb37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 60dB min., 20k – 250kHz, per ITU Method (L->M).

D.C. RESISTANCE (@20°C): 10–7, 1.04 ohms ±10%.
9–6, 1.04 ohms ±10%.
1–4, 0.69 ohms ±10%.
2–5, 0.69 ohms ±10%.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between PRI–SEC.

INDUCTANCE: 474uH ±5%, 10kHz, 100mVAC, 10–6(tie 7+9), Ls.

LEAKAGE INDUCTANCE: 15uH max., 10kHz, 100mVAC, 10–6(tie 7+9, 2+4, 1+5), Ls.

TURNS RATIO: (9–6):(10–7) = 1:1, ±1%.
(2–5):(1–4) = 1:1, ±1%.
(10–6):(1–5) = 1.4:1, tie(7+9, 2+4), ±1%.

INTERWINDING CAPACITANCE: 30pF max., 10kHz, 1.0VAC, 10–1(tie 7+9, 2+4), Cs.

(6D) TOTAL HARMONIC DISTORTION: –80dB max., 100kHz, 15Vp–p drive signal at PRI.

(6D) OPERATING TEMPERATURE RANGE: –40°C to +85°C.

(6D)(6H)(6L) 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.

(6C)(6D)(6L)

	AGENCY	NUMBER
(6H)	BABT	NC/012203
	IEC 60950–1 (Via CB cert.)	US/9168/UL
	ACA/AUSTEL (Via CB cert.)	US/9168/UL
	JAPAN (Via CB cert.)	US/9168/UL
(6H)	UL 60950–1	E205930
(6H)	CSA 60950–1 (Via CUL)	E205930

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. (6L) **50800R/-LF1**

REV. 6M 6/06

REVISIONS: SEE SHEET 1

SCALE --- (6E) SHEET 2 OF 6

DWG.# 50800R/-LF1 (6D)