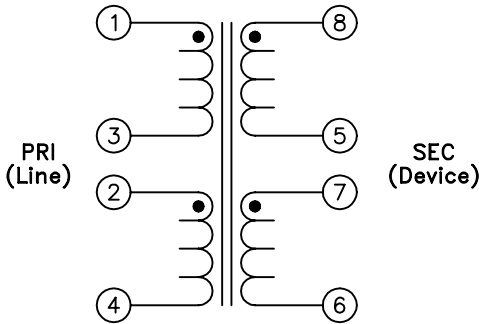
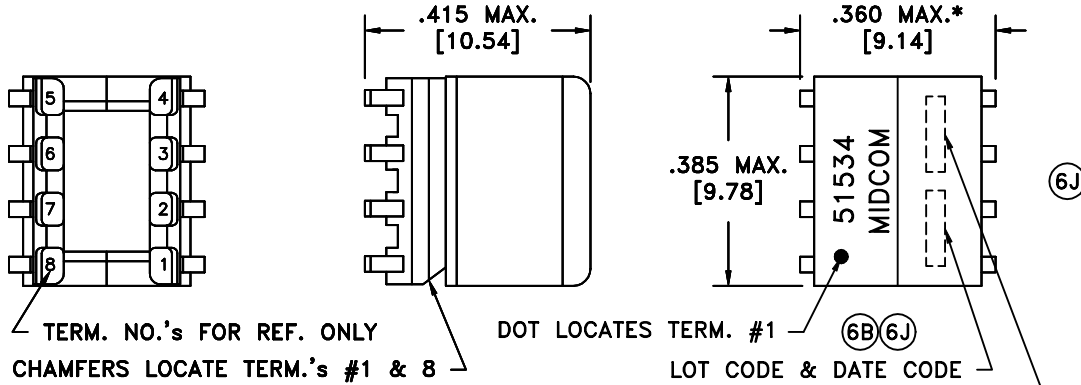
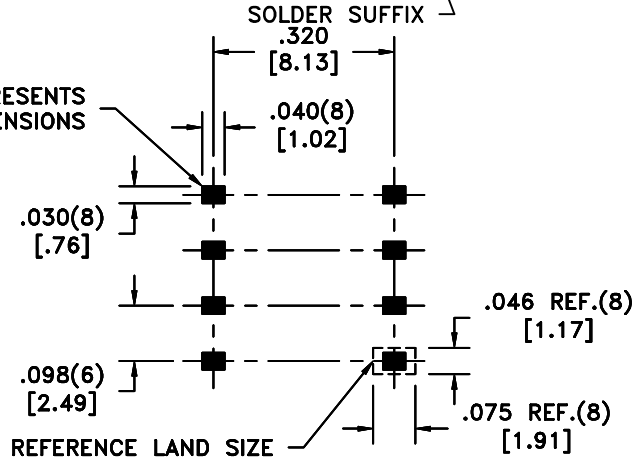


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE (6J)
	Sn63%, Pb37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 46dB min., 20k - 1.1MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
 - 1-3, 0.51 ohms ±10%.
 - 2-4, 0.51 ohms ±10%.
 - 8-5, 0.57 ohms ±10%.
 - 7-6, 0.57 ohms ±10%.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-8(tie 2+3, 5+7).
- INDUCTANCE: 171uH ±10%, 10kHz, 100mVAC, 1-4(tie 2+3), Ls.
- LEAKAGE INDUCTANCE: 4uH max., 100kHz, 100mVAC, 6-8(tie 2+3, 5+7, 1+4), Ls.
- TURNS RATIO: (1-4):(8-6) = 2.77:1, tie(2+3, 5+7), ±1.5%.
- INTERWINDING CAPACITANCE: 40pF max., 10kHz, 1.0VAC, 1-8(tie 2+3, 5+7), Cs.
- TOTAL HARMONIC DISTORTION: -80dB max., 100kHz, 2.0Vrms across PRI, 13 ohm load, 100 ohm input, tie(2+3, 5+7).

(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.

DETAILS SUBJECT TO CHANGE

(6D)(6K)	
AGENCY NUMBER	
BABT	NC/012393
UL 60950-1	E205930
CSA 60950-1 (Via CUL)	E205930
IEC 60950-1 (Via CB cert.)	US/9168/UL
ACA/AUSTEL (Via CB cert.)	US/9168/UL
JAPAN (Via CB cert.)	US/9168/UL

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

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

DRAWING TITLE
TRANSFORMER

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO. (6J) REV. 6K
51534R/-LF1
7/05

SCALE --- SHEET 2 OF 6

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

DWG # 51534R/-LF1