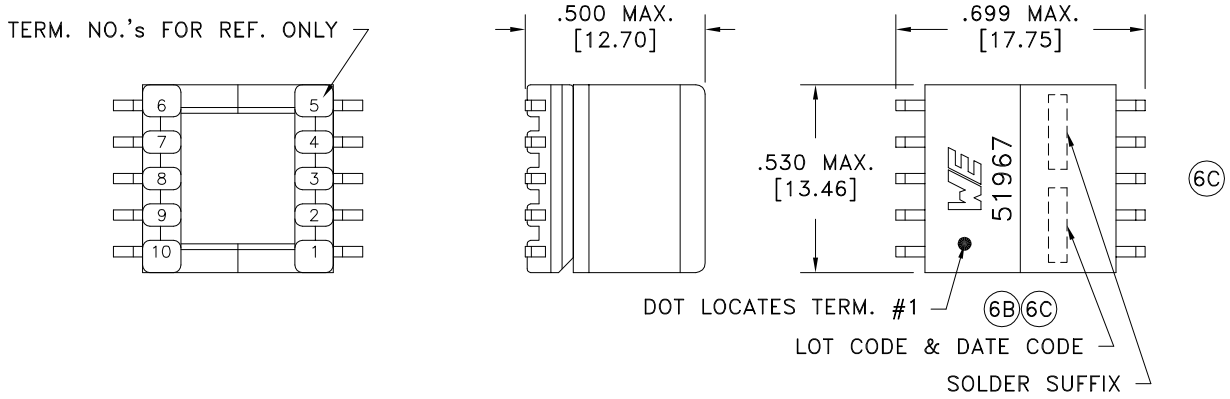
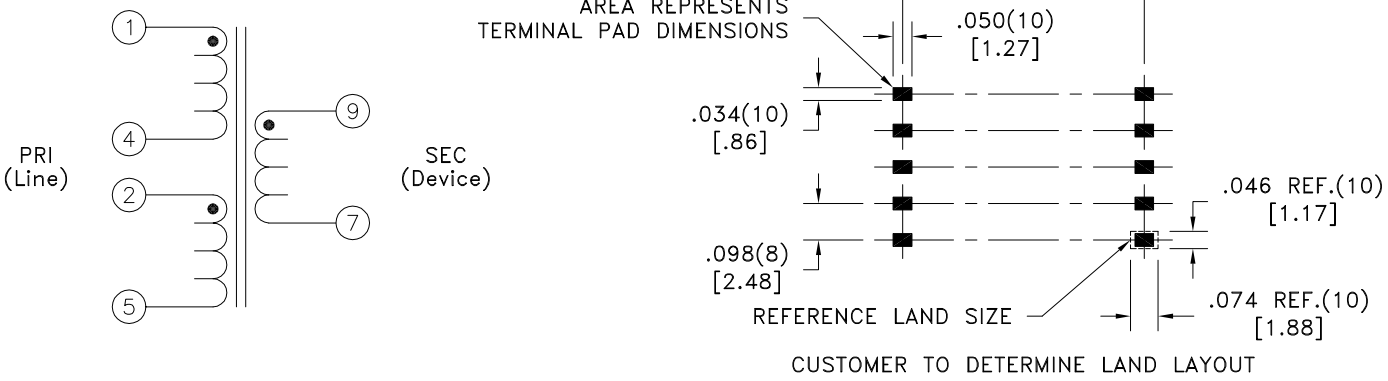
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE (6B)(6C)
LF1	Sn96%, Ag4%	Yes	Yes





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 50dB min., 5k – 400kHz, per ITU Method (L->M).

D.C. RESISTANCE (@20°C): 1–4, 1.65 ohms max. 9–7, 0.726 ohms max.
2–5, 1.65 ohms max.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 2000VAC for 1 second between 1–9(tie 2+4).

INDUCTANCE: 3mH ±10%, 10kHz, 50mVAC, 0/100mADC, 1–5(tie 2+4), Ls.

LEAKAGE INDUCTANCE: 22uH max., 100kHz, 50mVAC, 1–5(tie 2+4, 7+9), Ls.

TURNS RATIO: (1–5):(9–7) = 4.5:1, tie(2+4), ±1%.
(1–4):(2–5) = 1:1, tie(2+4), ±1%.

INTERWINDING CAPACITANCE: 150pF max., 10kHz, 50mVAC, 1–9(tie 2+4), Cs.

TOTAL HARMONIC DISTORTION: –82dB max., 3kHz, Vgen of 5Vrms, 135 ohm load, 6.7 ohm input, tie(2+4).

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

(6B) 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) Wire insulation & RoHS status not affected by wire color.
Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE

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

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

DRAWING TITLE

TRANSFORMER

eiSos p/n: 750051967

Midcom WE
www.we-online.com/midcom

PART NO. (6B) REV.
51967R-LF1 (6C) 6C 6/14

SEE REVISION SHEET FOR REVISION LEVEL

SPECIFICATION SHEET 1 OF 1

PART# 51967R-LF1