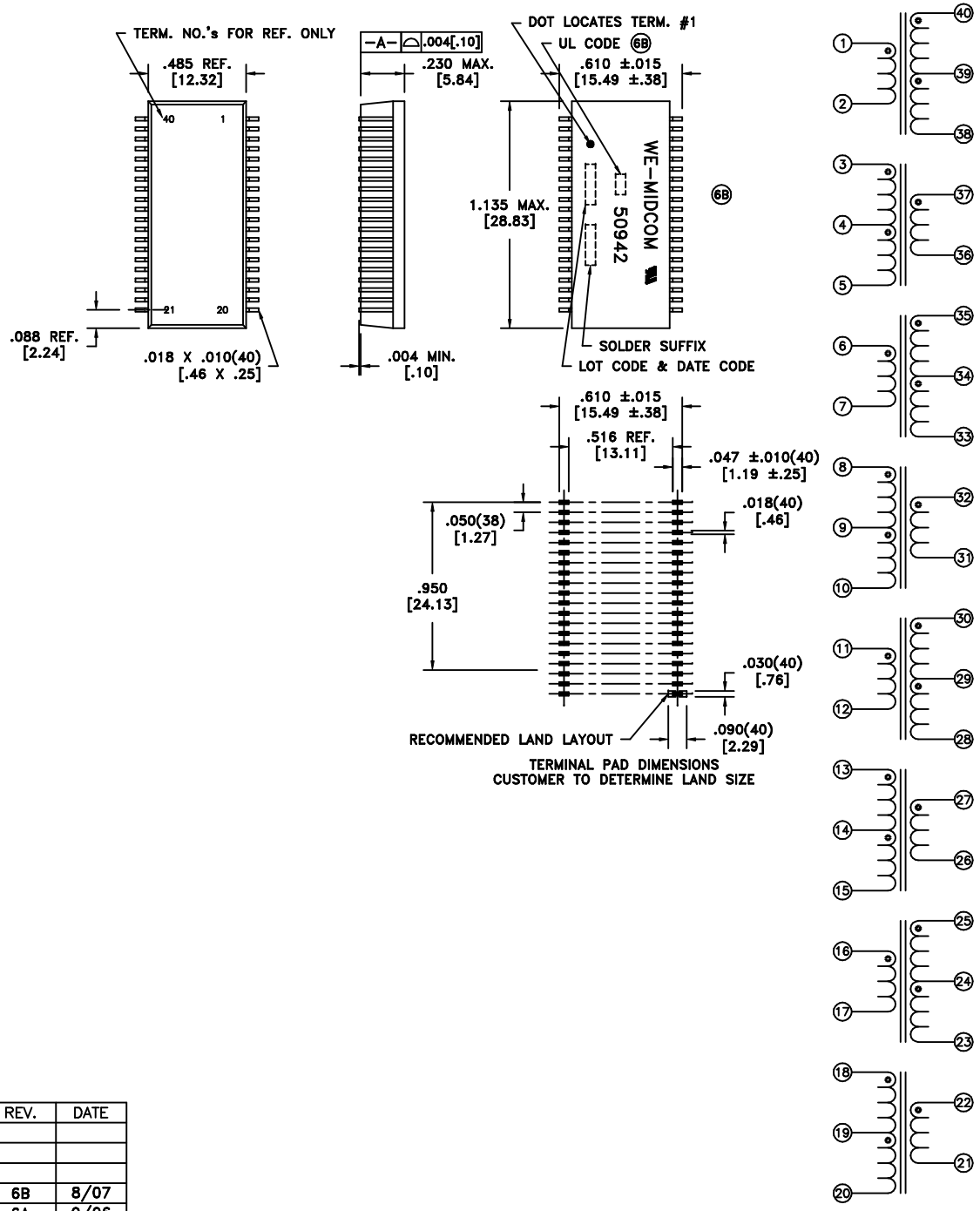
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
LF1	Sn96%, Ag4%	Yes	No

compliant RoHS WE–MIDCOM



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 35dB min., 1.544MHz, per ITU method (L->M).

D.C. RESISTANCE (@20°C): 1–2; 3–5; 6–7; 8–10; 11–12; 13–15; 16–17; 18–20; 21–22; 23–25; 26–27; 28–30; 31–32; 33–35; 36–37; 38–40, 0.70 ohms max.

INDUCTANCE: 1.2mH min., 10kHz, 100mV, 3–5; 8–10; 13–15; 18–20; 23–25; 28–30; 33–35; 38–40, Ls.

LEAKAGE INDUCTANCE: 0.5uH max., 100kHz, 100mV, 3–5(tie 36+37); 8–10(tie 31+32); 13–15(tie 26+27); 18–20(tie 21+22); 23–25(tie 16+17); 28–30(tie 11+12); 33–35(tie 6+7); 38–40(tie 1+2), Ls.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1–40; 3–37; 6–35; 8–32; 11–30; 13–27; 16–25; 18–22.

TURNS RATIO: (40–38):(1–2); (35–33):(6–7); (30–28):(11–12); (25–23):(16–17) = 2:1, ±2%.
(3–5):(37–36); (8–10):(32–31); (13–15):(27–26); (18–20):(22–21) = 1:1, ±2%.

INTERWINDING CAPACITANCE: 25pF max., 100kHz, 100mV, 1–40; 3–37; 6–35; 8–32; 11–30; 13–27; 16–25; 18–22, Cs.

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

Designed to comply with the following requirements as defined by IEC60950–1, EN60950–1, UL60950–1/CSA60950–1 and AS/NZS60950.1:
– TNV–1 to SELV isolation.

COPLANARITY: All 40 terminals must lie on a plane within .004[.10] of Surface A after lead tinning.

AGENCY	NUMBER
UL60950–1	E205930
CSA60950–1 (Via CUL)	E205930
6B UL CODE FILE# E205930	HC

REV.	DATE
6B	8/07
6A	9/06

Packaging Specifications
Method: Tape & Reel
PKG–0351
www.midcom–inc.com

Unless otherwise specified:
Tolerances: Fractions: ±1/64
Angles: ±1° Decimals: ±.005[.127]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER
PDFP–G40
eiSos p/n: 750050942

Midcom–WE
www.midcom–inc.com

DRAWING NO.
50942R–LF1

REVISIONS: SEE SHEET 1 | SCALE --- | SHEET 2 OF 8