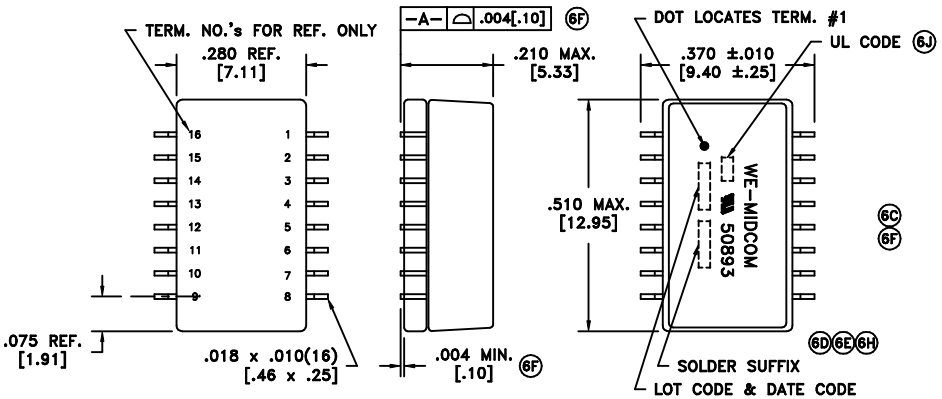
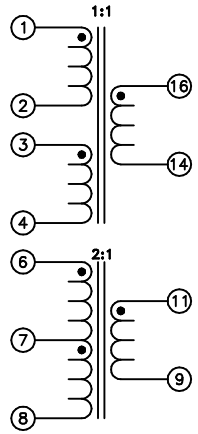
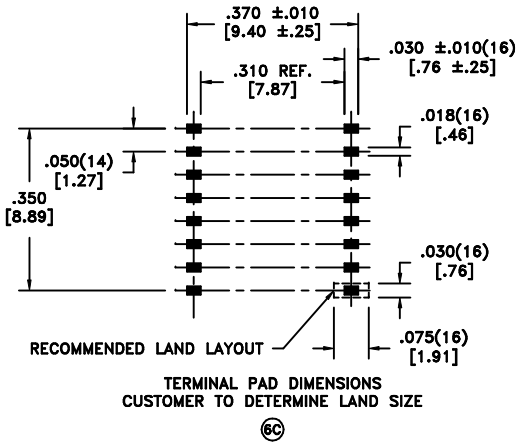
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE (6H)
	Sn63%, Pb37%	No	No
LF1	Sn96%, Ag4%	Yes	No

compliant RoHS WE–MIDCOM







ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

(6C) LONGITUDINAL BALANCE: 35dB min., 1.544MHz, per ITU method (L->M).

D.C. RESISTANCE (@20°C): 16–14; 6–8; 11–9, 0.7 ohms max.
1–2; 3–4, 0.35 ohms max.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1–16; 6–11; 3–16.

(6C) INDUCTANCE: 1.2mH min., 10kHz, 100mVAC, 1–4(tie 2+3); 6–8, Ls.

(6C) LEAKAGE INDUCTANCE: 0.5uH max., 100kHz, 100mVAC, 1–4(tie 2+3, 14+16); 6–8(tie 11+9), Ls.

TURNS RATIO: (1–4):(16–14) = 1:1, tie(2+3), ±2%.
(6–8):(11–9) = 2:1, ±2%.

(6C) INTERWINDING CAPACITANCE: 25pF max., 100kHz, 100mVAC, 1–16(tie 2+3); 6–11, Cs.

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

(6F) COPLANARITY: All 16 terminals must lie on a plane within .004[.10] of Surface A after lead tinning.

(6C) Designed to comply with the following requirements as defined by IEC60950,
(6F) EN60950, UL60950/CSA60950 and AS/NZS60950:
– TNV–1 to SELV isolation.
(6D) – Basic Insulation (For UL60950).

Midcom p/n 50893R–LF1 is eiSos p/n: 750050893.

(6D) (6F)

AGENCY	NUMBER
UL60950	E205930
CSA60950 (Via CUL)	E205930
(6J) UL CODE FILE# E205930	HB

REV.	DATE
6J	8/07
6H	10/06
6G	1/03
6F	11/01
6E	8/00

Packaging Specifications
Method: Tape & Reel
PKG–0339
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
PDSO–G16
eiSos p/n: 750050893

Midcom WE
www.midcom–inc.com
REVISIONS: SEE SHEET 1

DRAWING NO. (6H)
50893R/–LF1
SCALE ---
SHEET 2 OF 7 (6F)