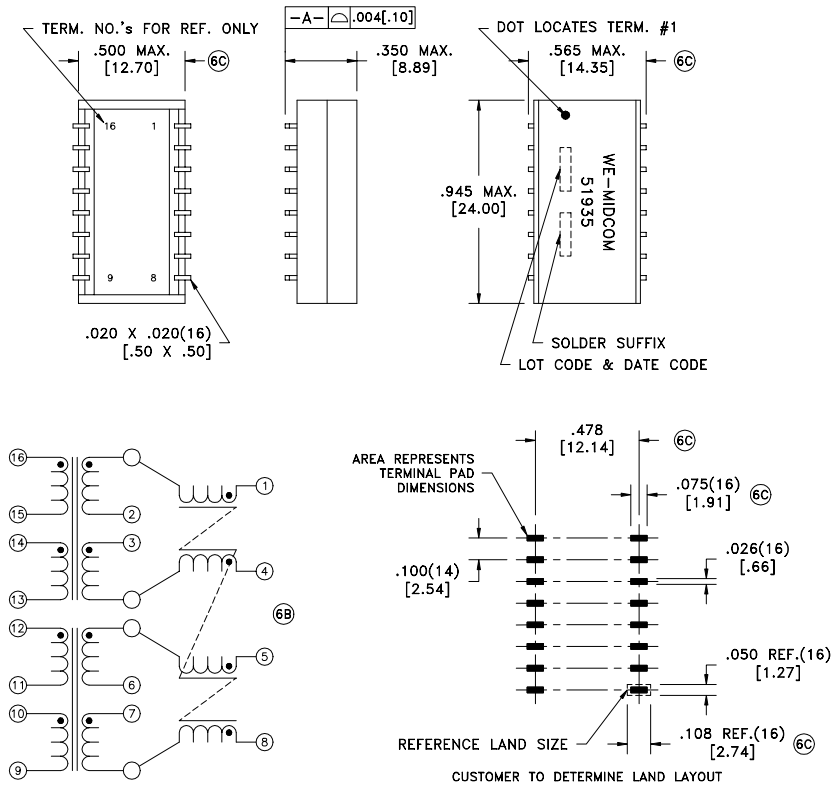


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
	Sn63%, Ag37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:



PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-2 @20°C	1.45 ohms max.
D.C. RESISTANCE	3-4 @20°C	1.45 ohms max.
D.C. RESISTANCE	5-6 @20°C	1.45 ohms max.
D.C. RESISTANCE	7-8 @20°C	1.45 ohms max.
D.C. RESISTANCE	9-10 @20°C	0.90 ohms max.
D.C. RESISTANCE	11-12 @20°C	0.90 ohms max.
D.C. RESISTANCE	13-14 @20°C	0.90 ohms max.
D.C. RESISTANCE	15-16 @20°C	0.90 ohms max.
INDUCTANCE	tie(14+15), 10kHz, 100mVAC, Ls	25.00mH min.
LEAKAGE INDUCTANCE	1-4 tie(13+14+15+16, 2+3), 100kHz, 100mVAC, Ls	5uH max.
LEAKAGE INDUCTANCE	5-8 tie(9+10+11+12, 6+7), 100kHz, 100mVAC, Ls	5uH max.
INTERWINDING CAPACITANCE	1-16 tie(2+3, 14+15), 10kHz, 100mVAC, Cs	100pF max.
INTERWINDING CAPACITANCE	5-12 tie(6+7, 10+11), 10kHz, 100mVAC, Cs	100pF max.
DIELECTRIC	1-16 tie(2+3, 14+15), 1500VDC, 1 second	-
DIELECTRIC	5-12 tie(6+7, 10+11), 1500VDC, 1 second	-
DIELECTRIC	1-4 tie(2+15, 3+14), 500VDC, 1 second	-
DIELECTRIC	5-8 tie(6+11, 7+10), 500VDC, 1 second	-
DIELECTRIC	4-5 tie(2+3, 6+7), 500VDC, 1 second	-
URNS RATIO	(1-4):(16-13), tie(2+3, 14+15)	1:1, ±2%
URNS RATIO	(5-8):(12-9), tie(6+7, 10+11)	1:1, ±2%

GENERAL SPECIFICATIONS:

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

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

Midcom p/n 51935R-LF1 is eiSos p/n: 750051935.

(6C)

REV.	DATE
6C	4/08
6B	8/06
6A	6/05

Packaging Specifications
 Method: Tape & Reel
 PKG-0544
 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

eiSos p/n: 750051935



DRAWING NO.

51935R/-LF1

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 6