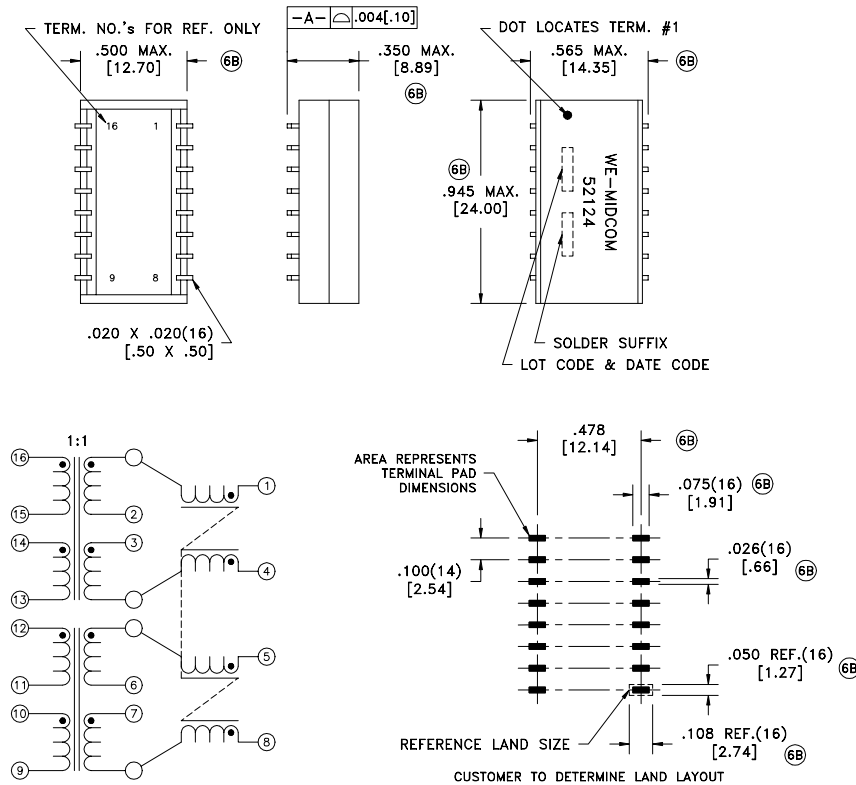


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
	Sn63%, Ag37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-2 @20°C	1.80 ohms max.
D.C. RESISTANCE	3-4 @20°C	1.80 ohms max.
D.C. RESISTANCE	5-6 @20°C	1.80 ohms max.
D.C. RESISTANCE	7-8 @20°C	1.80 ohms max.
D.C. RESISTANCE	9-10 @20°C	1.25 ohms max.
D.C. RESISTANCE	11-12 @20°C	1.25 ohms max.
D.C. RESISTANCE	13-14 @20°C	1.25 ohms max.
D.C. RESISTANCE	15-16 @20°C	1.25 ohms max.
INDUCTANCE	1-2; 3-4; 5-6; 7-8 10kHz, 100mVAC, Ls	8mH min.
INDUCTANCE	9-12 tie(10+11), 10kHz, 100mVAC, Ls	30mH min.
INDUCTANCE	13-16 tie(14+15), 10kHz, 100mVAC, Ls	30mH min.
LEAKAGE INDUCTANCE	1-4 tie(2+3, 14+15, 13+16), 100kHz, 100mVAC, Ls	5uH max.
LEAKAGE INDUCTANCE	5-8 tie(6+7, 10+11, 9+12), 100kHz, 100mVAC, Ls	5uH max.
INTERWINDING CAPACITANCE	1-16 tie(2+3, 14+15), 100kHz, 100mVAC, Cs	100pF max.
INTERWINDING CAPACITANCE	5-12 tie(6+7, 10+11), 100kHz, 100mVAC, Cs	100pF max.
DIELECTRIC	1-16 tie(2+3, 14+15), 2000VAC, 1 second	-
DIELECTRIC	5-12 tie(6+7, 10+11), 2000VAC, 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:

Midcom p/n 52124R-LF1 is eiSos p/n: 750052124.

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

(6B)

REV.	DATE
6B	4/08
6A	11/06

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: 750052124



DRAWING NO.

52124R/-LF1

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 7