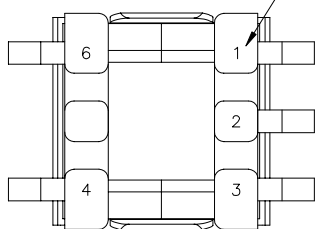
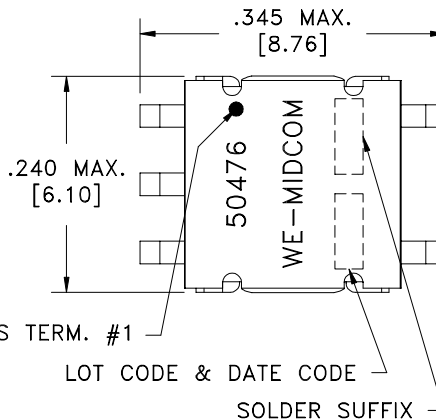
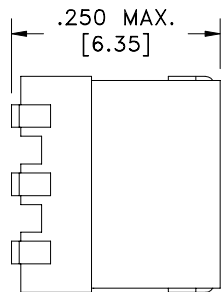
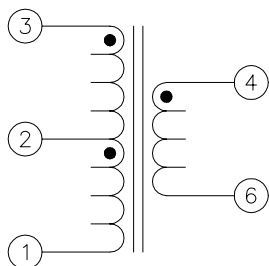


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	Yes

TERM. NO.'s FOR REF. ONLY



TERM. NO.'s FOR REF. ONLY

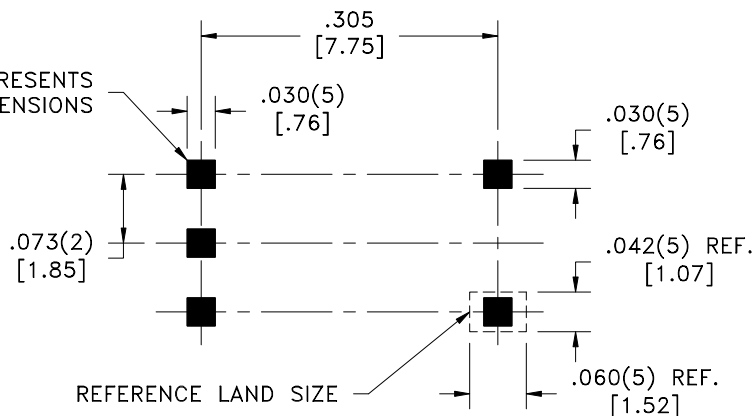


DOT LOCATES TERM. #1

LOT CODE & DATE CODE

SOLDER SUFFIX

AREA REPRESENTS  
TERMINAL PAD DIMENSIONS



REFERENCE LAND SIZE

CUSTOMER TO DETERMINE LAND LAYOUT

**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

- LONGITUDINAL BALANCE: 35dB min., 1.544MHz.
- D.C. RESISTANCE (@20°C):  
 3-2, 1.10 ohms max.  
 2-1, 1.20 ohms max.  
 4-6, 1.15 ohms max.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 3-4.
- INDUCTANCE: 2.15mH min., 10kHz, 100mVAC, 3-1, Ls, 20°C.
- LEAKAGE INDUCTANCE: 1.5uH max., 100kHz, 100mVAC, 3-1(tie 4+6), Ls.
- RETURN LOSS: 18dB min., 50k - 2.048MHz.  
14dB min., 2.048M - 3.072MHz.
- TURNS RATIO: (3-1):(4-6) = 2:1, ±1%.
- INTERWINDING CAPACITANCE: 50pF max., 100kHz, 100mVAC, 3-4, Cs.
- OPERATING TEMPERATURE RANGE: -40° to +85°C.

AGENCY NUMBER	
UL1459	E99406
CSA225 (Via CUL)	E99406

DETAILS SUBJECT TO CHANGE

**Midcom, Inc.**  
 Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

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

DRAWING TITLE

**TRANSFORMER**

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO.

**50476R-LF1**

REV.

6B  
2/07

SCALE ---

SHEET 2 OF 5

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

DWG # 50476R-LF1