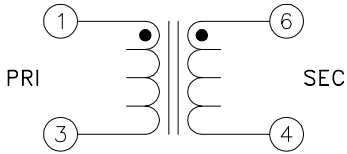
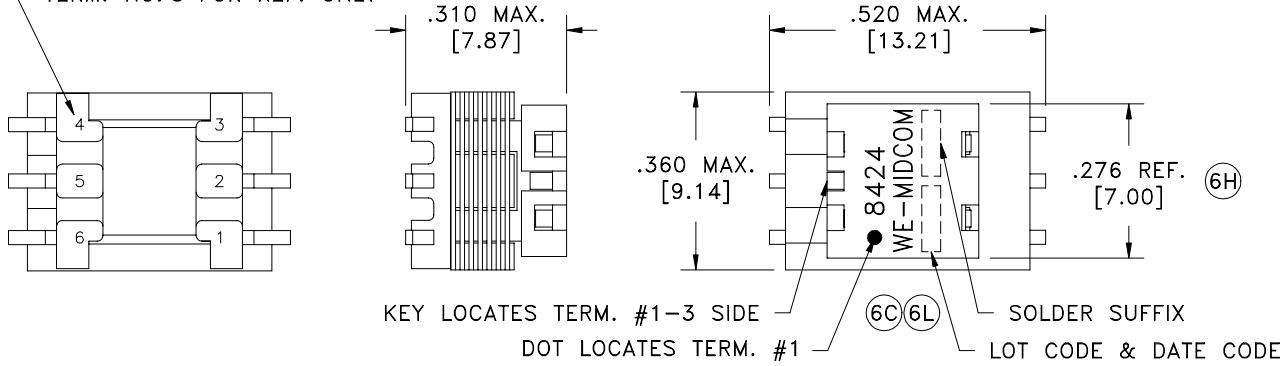
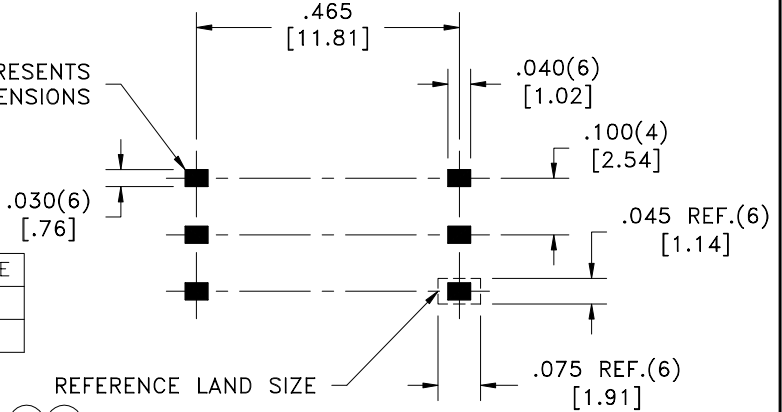


TERM. NO.'s FOR REF. ONLY



AREA REPRESENTS TERMINAL PAD DIMENSIONS



REFERENCE LAND SIZE

(6K)(6H) CUSTOMER TO DETERMINE LAND LAYOUT

(6L)

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

(6H) ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- IMPEDANCE: Designed to reflect 600 ohms on PRI with 316 ohm load (for best Return Loss).
- LONGITUDINAL BALANCE: 60dB min., 200 - 1000Hz; 40dB min., 1k - 4kHz, per FCC part 68.
- D.C. RESISTANCE (@20°C): PRI, 155 ohms ±15%. SEC, 150 ohms ±15%.
- FREQUENCY RESPONSE: ±0.5dB, 300Hz - 4kHz.
- INSERTION LOSS: 3.0dB ±0.25dB, 1000Hz.
- DIELECTRIC RATING: 1000VAC, 1 minute tested by applying 1250VAC for 1 second between PRI-SEC. Meets or exceeds requirements of: CAN/CSA-C22.2 No.225 (M90); DOC's CS-03 (Issue 7); UL's UL1459, 2nd Ed. (1992); and FCC's Part 68 (58 FR 44907, Aug. 25, 1993).
- D.C. IN PRIMARY: None.
- INDUCTANCE: 1.5H min., 1000Hz, 100mVAC, 1-3, Lp.
- TURNS RATIO: (1-3):(6-4) = 1:1, ±1%.
- TOTAL HARMONIC DISTORTION: -82dB max., 600Hz, -10dBm.

NOTE: Routing conductive traces under transformer is not recommended.

Designed to be compatible with V.34 modulation schemes.

Midcom p/n 671-8424R-LF1 is eiSos p/n: 7500718424.

(6D)

AGENCY NUMBER	
UL (Via NRTL/C)	LR61218
CSA	LR61218

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

DRAWING TITLE

TRANSFORMER

eiSos p/n: 7500718424

(6M)

Midcom www.midcom-inc.com

DRAWING NO.

671-8424R/-LF1

(6L)(6H)

REV.

6M 7/07

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 5

DWG # 671-8424R/-LF1

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