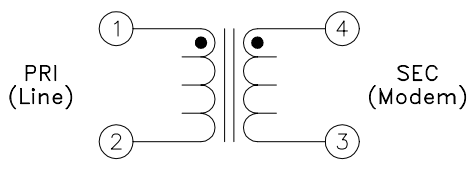
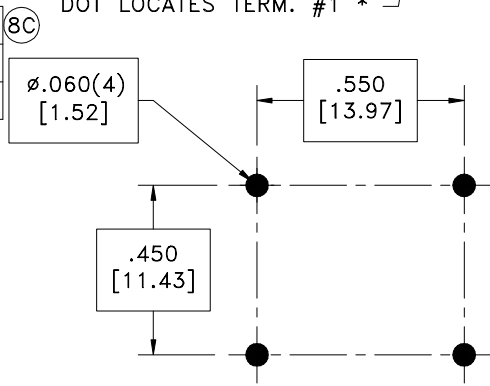


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
	Sn100%	No	No
LF3	Sn100%	Yes	Yes



RECOMMENDED
P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- IMPEDANCE: 600 ohms each, PRI & SEC (ref). Designed to reflect 600 ohms on PRI with 470 ohm load on SEC.
- LONGITUDINAL BALANCE: 66dB min., 60 - 1000Hz; 46dB min., 1000 - 4000Hz, per FCC Part 68.310, with terminal 3 or 4 grounded.
- D.C. RESISTANCE (@20°C): PRI, 108 ohms ±10%. SEC, 120 ohms ±10%.
- FREQUENCY RESPONSE: ±0.65dB, 600 to 3500Hz; ±2.5dB, 300 to 600Hz, ref. 1kHz.
- INSERTION LOSS: 2.0 ±0.5dB at 1000Hz per IEEE method, 20°C.
- DIELECTRIC RATING: 1000VAC, 1 minute tested by applying 1250VAC for 1 second between PRI-SEC; PRI-core. 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).
- 7A 7E 7L
- URNS RATIO: 1:1, ±2%.
- OPERATING CONDITIONS: All specs. except as noted to be from -30 to +4dBm, 0 to 100mADC in PRI, 600 ohm source resistance on PRI, 470 ohm load on SEC.
- 7E TOTAL HARMONIC DISTORTION: -71.5dB typ. at 600Hz, -10dBm.

* Marking Detail may be rotated 90° clockwise. Locating Dot will not move.
Midcom p/n 671-8005-LF3 is eiSos p/n: 7500718005

AGENCY NUMBER	
UL	E99406
CSA	LR61218

DETAILS SUBJECT TO CHANGE

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

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

DRAWING TITLE
TRANSFORMER
DC COUPLING
eiSos p/n: 7500718005

REVISIONS: SEE SHEET 1

Midcom www.midcom-inc.com

DRAWING NO. **671-8005/-LF3**

SCALE --- SHEET 2 OF 5

REV. 8D 7/07

DWG # 671-8005/-LF3