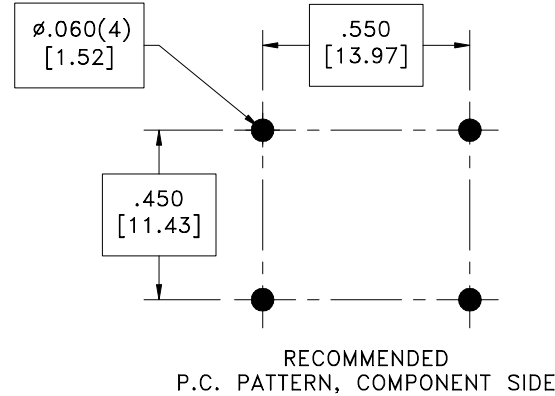
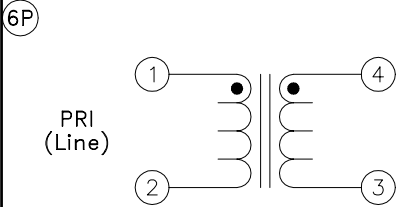


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
	Sn100%	No	No
LF3	Sn100%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

IMPEDANCE: Designed to reflect 600 ohms on the PRI with 374 ohm load on SEC.
LONGITUDINAL BALANCE: 60dB min., 200 - 1000Hz; 40dB min., 1000 - 4000Hz, per FCC part 68.310. 58dB min., greater than 63dB typ., 200 - 1000Hz; 53dB min., greater than 58dB typ., 1000 - 3000Hz; per IEEE-455, 1985/BELLCORE TR-TSY-000057, Sect. 6.5.
D.C. RESISTANCE (@20°C): PRI, 108 ohms ±10%. SEC, 120 ohms ±10%.
FREQUENCY RESPONSE: ±0.25dB, 200Hz - 4kHz.
INSERTION LOSS: 2.0 ±0.25dB, 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).
D.C. CURRENT: None.
INDUCTANCE: 12H min., 200Hz, 1.0V, Lp (20H typical).
RETURN LOSS: 20dB min., 300 - 3000Hz vs. 600 ohm.
TURNS RATIO: (PRI):(SEC) = 1:1, ±2%.
TOTAL HARMONIC DISTORTION: See AD-671-8056 for test setup.
LINE TO RECEIVE: -82dB max., 600Hz, -10dBm input (V.90)
TRANSMIT TO LINE: -76dB typ., 150Hz, -3dBm output.
 Midcom p/n 671-8056-LF3 is eiSos p/n: 7500718056

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
 eiSos p/n: 7500718056
 REVISIONS: SEE SHEET 1

Midcom www.midcom-inc.com
 DRAWING NO. **671-8056/-LF3**
 SCALE --- SHEET 2 OF 5
 REV. 6Q 7/07

DWG # 671-8056/-LF3