

Excellent Integrated System Limited

Stocking Distributor

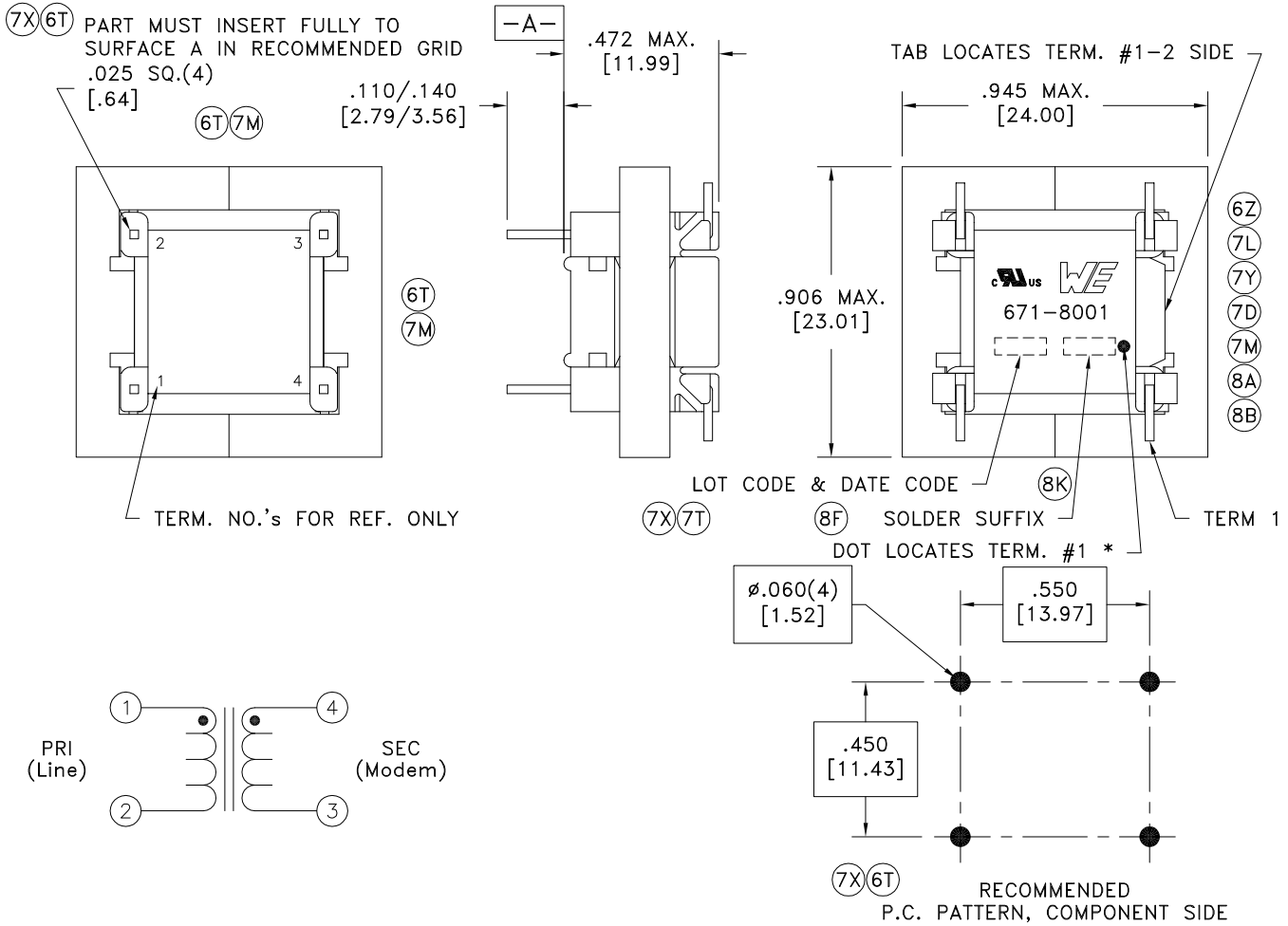
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[7500718001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	(8F)(8K)
LF3	Sn100%	Yes	Yes	



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- IMPEDANCE: 600 ohms each, PRI & SEC (ref.). Designed to reflect 600 ohms on the PRI with 470 ohm load on SEC.
- (7Z) LONGITUDINAL BALANCE: 66dB min., 60 - 1000Hz; 46dB min., 1-2, 1000 - 4000Hz, per FCC part 68.310, with terminal 3 or 4 grounded.
- (7Z) D.C. RESISTANCE (@20°C): PRI, 108 ohms ±10%. SEC, 120 ohms ±10%.
- FREQUENCY RESPONSE: ±1.0dB, 600 - 3500Hz, ±4dB, 300 - 600Hz.
- INSERTION LOSS: 2.5dB max., 1000Hz, per IEEE method, 0/30mADC, 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).
- (7Z) TURNS RATIO: (PRI):(SEC) = 1:1, ±2%.
- OPERATING CONDITIONS: All spec. except as noted to be from -20 to +4dBm, 0/100mADC in PRI, 600 ohm source resistance on PRI 470 ohm load on SEC.

(7X)* Marking Detail may be rotated 90° clockwise. Locating Dot will NOT move.

Midcom p/n 671-8001-LF3 is eiSos p/n: 7500718001.

(8J) OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Wire insulation & RoHS status not affected by wire color.

(8K) Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE

(7K)(8K) AGENCY NUMBER

(8H) UL E205930

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: 7500718001 (8G)



PART NO.

671-8001-LF3

(8K)(8F) REV.

8K
11/14

SEE REVISION SHEET FOR REVISION LEVEL

SPECIFICATION SHEET 1 OF 1

PART#
671-8001-LF3