

Technical drawing of a WE 671-8001 component, showing top, side, and bottom views with dimensions and callouts.

Top View:

- Part must insert fully to surface A in recommended grid .025 SQ.(4) [.64]
- Dimensions: .110/.140 * [2.79/3.56]
- Callouts: (7X)(6T), (6T)(7M), (6T)(7M)
- Term. no.'s for ref. only: 1, 2, 3, 4

Side View:

- Dimension: .472 MAX. [11.99]
- Callout: (8L) * DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY

Bottom View:

- Tab locates term. #1-2 side
- Dimensions: .945 MAX. [24.00], .906 MAX. [23.01]
- Callouts: (6Z), (7L), (7Y), (7D), (7M), (8A), (8B), (8K), (8F)
- Lot code & date code: 671-8001
- Solder suffix: (8F)
- Dot locates term. #1 *
- Term 1

Transformer Diagram:

- PRI (Line): 1, 2
- SEC (Modem): 3, 4

Recommended P.C. Pattern, Component Side:

- Dimensions: .060(4) [1.52], .550 [13.97], .450 [11.43]
- Callouts: (7X)(6T)

IMPEDANCE: 600 ohms each, PRI & SEC (ref.). Designed to reflect 600 ohms on the PRI with 470 ohm load on SEC.

LONGITUDINAL BALANCE: 66dB min., 60 - 1000Hz; 46dB min., 1-2, 1000 - 4000Hz, per FCC part 68.310, with terminal 3 or 4 grounded.

D.C. RESISTANCE (@20°C): PRI, 108 ohms $\pm 10\%$. SEC, 120 ohms $\pm 10\%$.

FREQUENCY RESPONSE: ± 1.0 dB, 600 - 3500Hz, ± 4 dB, 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).

(6T)(7G)(7K)(7Q)(7R)

TURNS RATIO: (PRI):(SEC) = 1:1, $\pm 2\%$.

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.

OPERATING TEMPERATURE RANGE: -40°C to +85°C.
Wire insulation & RoHS status not affected by wire color.

Wire insulation color may vary depending on availability.

		(7K)(8K)
	AGENCY NUMBER	
(8H)	UL	E205930

DRAWING TITLE

TRANSFORMER
DC COUPLING

eiSos p/n: 7500718001

(8G)

			
www.we-online.com/midcom			
PART NO.		(8K)(8F)	REV.
671-8001-LF3		8L 4/16	
SPECIFICATION SHEET 1 OF 1			

PARK #	671-8001-LF3
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