



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.
- D.C. RESISTANCE (@20°C): PRI, 108 ohms ±10%. SEC, 120 ohms ±10%.
- (7Z) 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).
- (6T)(7G)(7K)(7Q)(7R)
- (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.

(7K)	
AGENCY NUMBER	
UL	E99406
CSA	LR61218

DETAILS SUBJECT TO CHANGE

Midcom, Inc. Watertown, SD USA Toll Free: 800-643-2661 Fax: 605-886-4486	Unless otherwise specified: Tolerances: Fractions: ±1/64 Angles: ±1° Decimals: ±.005[.13]	Midcom		DWG.# 671-8001
	DRAWING TITLE TRANSFORMER DC COUPLING	DRAWING NO. 671-8001	REV. 8E 2/04	
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	REVISIONS: SEE SHEET 1	SCALE ---		