



SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
	Sn63%, Pb37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes

**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

- IMPEDANCE: Designed to reflect 600 ohms on PRI with 294 ohm load on SEC.
- LONGITUDINAL BALANCE: 60dB min., 200 - 1000Hz; 40dB min., 1000 - 4000Hz, per FCC Part 68.
- D.C. RESISTANCE (@20°C): PRI, 155 ohms ±10%; SEC, 159 ohms ±10%.
- (6Q)\* FREQUENCY RESPONSE: ±0.25dB, 300 - 3500Hz.
- INSERTION LOSS: 3.3dB ±0.25dB, 1kHz.
- (6C)(6Q) DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1650VAC for 1 second between PRI-SEC.
- (6T) MAX. D.C. UNBALANCE: 0mA.
- (6Q)\* RETURN LOSS: 20dB min. at 300 - 3500Hz.
- (6N) TURNS RATIO: (PRI):(SEC) = 1:1, ±1%.
- TOTAL HARMONIC DISTORTION: -76dB max., 600Hz, -10dBm (V.34).

(7B) **CAUTION:** To maintain the integrity of the safety-isolation barrier, this transformer must be hand soldered to the PCB after the board has been exposed to the Pb-free solder-reflow process. The maximum allowable body temperature of this model is 230°C and should not be exposed to this temperature for more than 20 seconds.

(6Q)(6T) Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:  
 (6U)(7A) - Supplementary insulation for a primary circuit at a working voltage of 250Vrms.

(6Q)\* See AD-671-8377 for typical values for International Network Information.

AGENCY NUMBER	
UL 60950-1	E205930
CSA 60950-1 (Via CUL)	E205930
IEC 60950-1 (Via CB cert.)	US/9300/UL
ACA/AUSTEL (Via CB cert.)	US/9300/UL
JAPAN (Via CB cert.)	US/9300/UL

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE <h2 style="text-align: center;">TRANSFORMER</h2>	 www.we-online.com/midcom	PART NO. (7B)(6F) REV. (6Q) 7C <b>671-8377R/-LF1</b> 11/17
	This drawing is dual dimensioned. Dimensions in brackets are in millimeters.		

PART# 671-8377R/-LF1