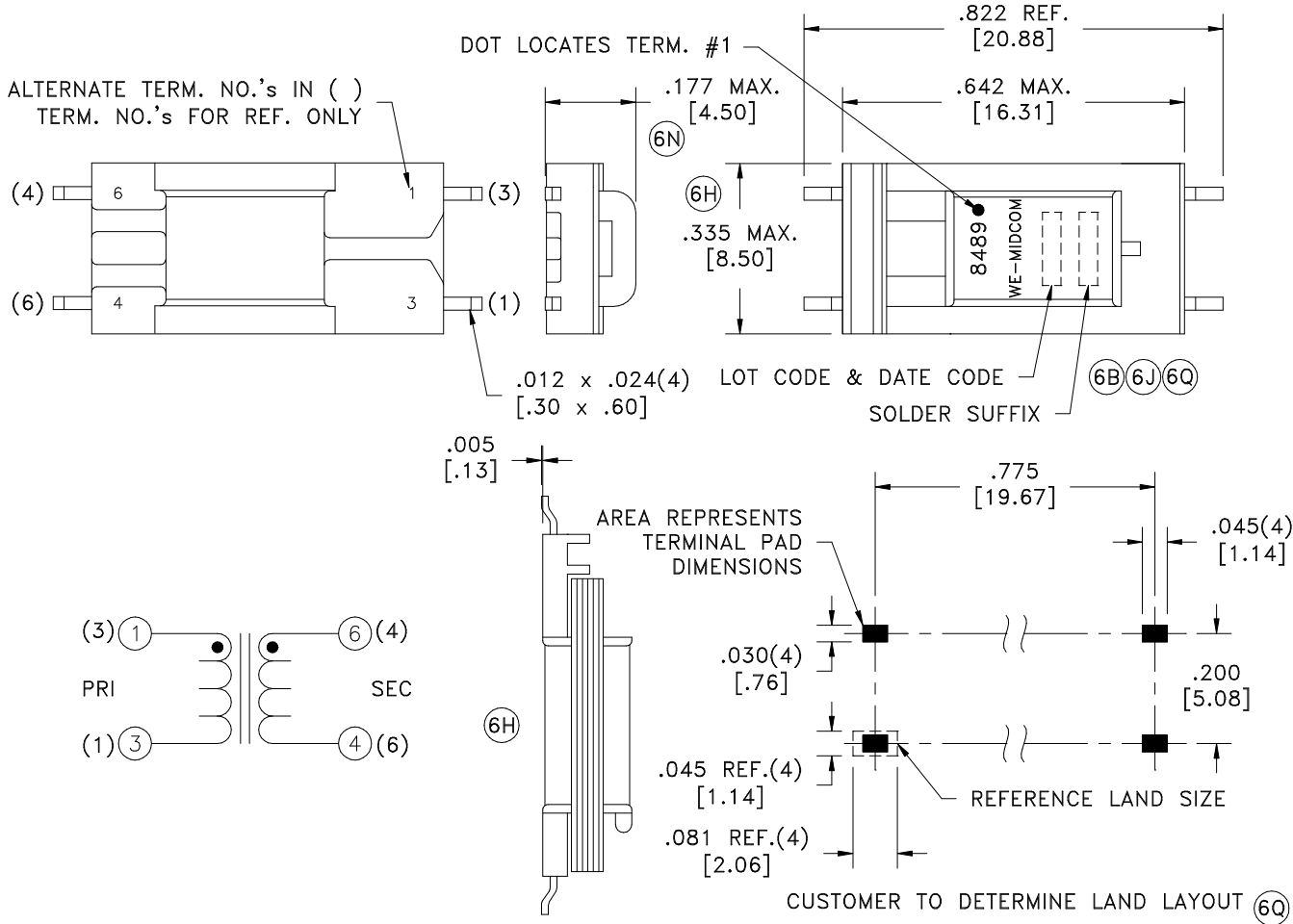


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6Q 6R
LF1	Sn96%, Ag4%	Yes	Yes	



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

DESIGNED TO REFLECT: 600 ohms on PRI with 287 ohm load on SEC.

- 6C D.C. RESISTANCE, (@20°C): PRI, 155 ohms ±10%. SEC, 145 ohms ±10%.
- \* FREQUENCY RESPONSE: ±0.25dB, 200 - 4000Hz.
- \* INSERTION LOSS: 3.85dB max., 200 - 4000Hz, at 1000Hz.
- 6H DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1650VAC for 1 second between PRI-SEC.
- INDUCTANCE: 1.5H min., 1kHz, 1.0VAC, 1-3, Lp.
- \* RETURN LOSS: 14dB min., 200 - 4000Hz.
- 6H TURNS RATIO: (PRI):(SEC) = 1:1, ±1%.
- TOTAL HARMONIC DISTORTION: -82dB max., 600Hz, -10dBm, (V.90).
- 6R OPERATING TEMPERATURE RANGE: -40°C to +85°C.
- 6Q 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.

\* See AD-671-8489 for typical values for International Network information.

6H PATENT PENDING U.S. and FOREIGN.

DETAILS SUBJECT TO CHANGE

6N 6Q	
AGENCY NUMBER	
BABT	NC/012414
6M UL60950-1	E205930
6M CSA60950-1 (Via CUL)	E205930
6F IEC60950-1 (Via CB cert.)	US/9300/UL
6E JAPAN (Via CB cert.)	US/9300/UL
6G ACA/AUSTEL (Via CB cert.)	US/9300/UL

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE	Midcom WE www.we-online.com/midcom	PART NO. 6R 6Q 6M 6C REV. 6R 11/10	PART # 671-8489R-LF1
	<b>TRANSFORMER</b>			
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 7500718489	SEE REVISION SHEET FOR REVISION LEVEL	SPECIFICATION SHEET 1 OF 1	