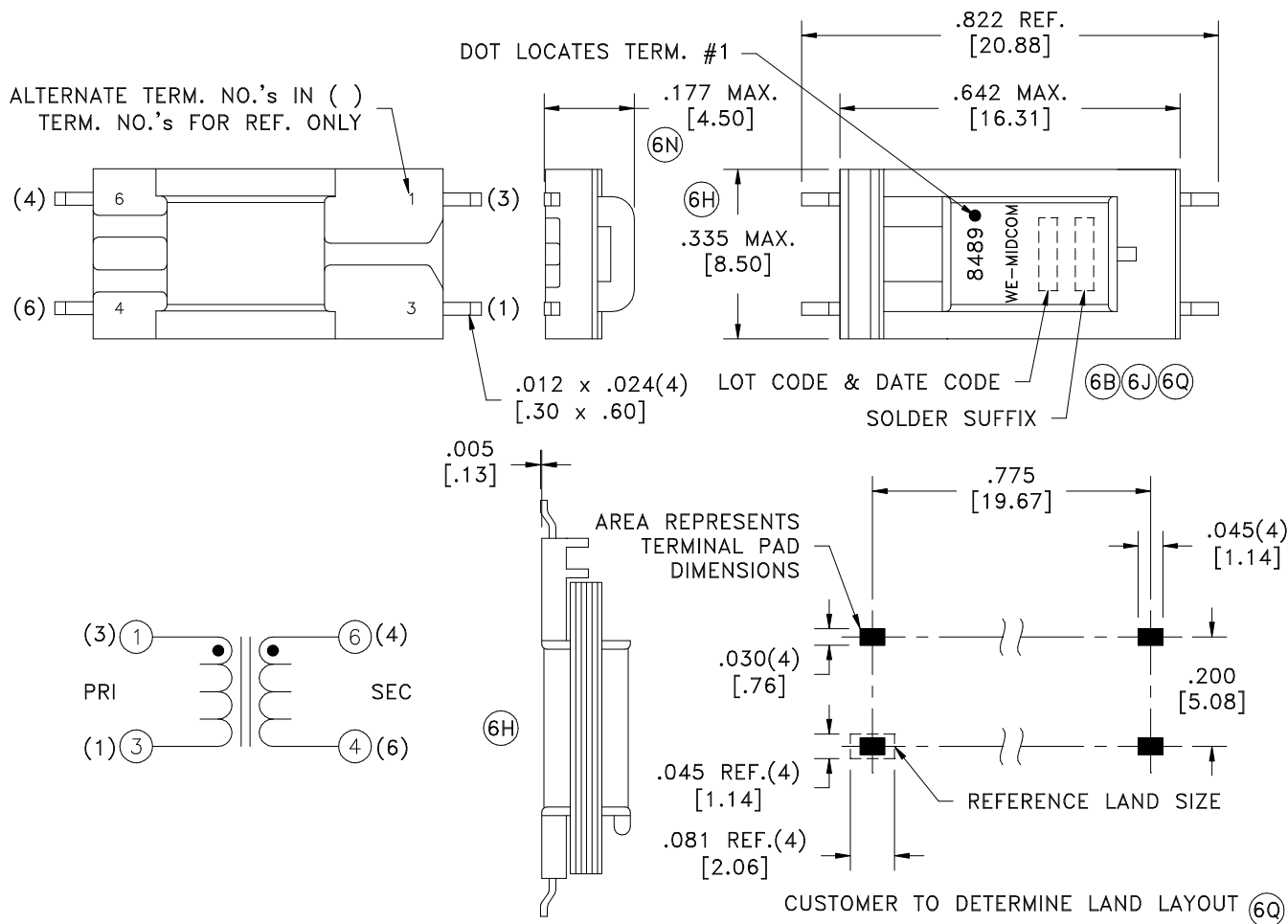


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	Yes

6Q6R



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 $\pm 10\%$.
SEC, 145 ohms $\pm 10\%$.

* FREQUENCY RESPONSE: $\pm 0.25\text{dB}$, 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, $\pm 1\%$.

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

6N6Q 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: $\pm 1^\circ$
Fractions: $\pm 1/64$
Decimals: ± 0.005 [.13]

This drawing is dual dimensioned.
Dimensions in brackets are in millimeters.

DRAWING TITLE

TRANSFORMER

eiSos p/n: 7500718489

SEE REVISION SHEET FOR REVISION LEVEL

Midcom WE
www.we-online.com/midcom

PART NO.

671-8489R-LF1

6R6Q6M6C REV.

6R
11/10

SPECIFICATION SHEET 1 OF 1

PART # 671-8489R-LF1