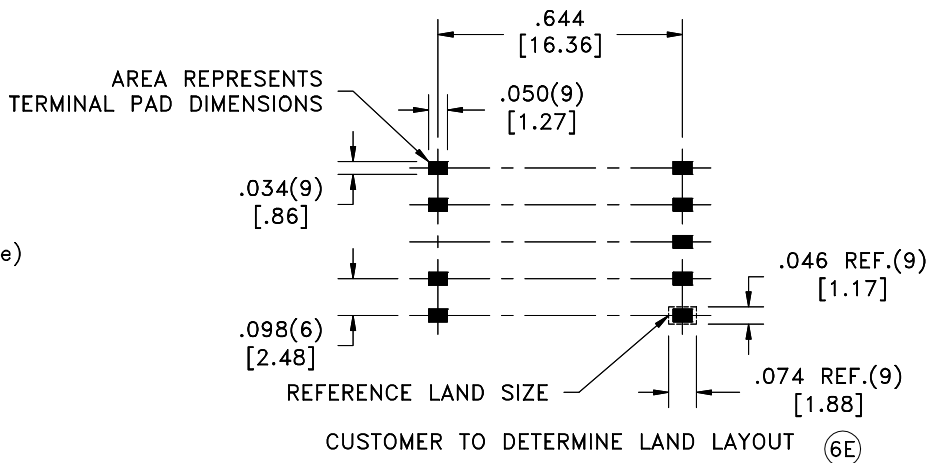
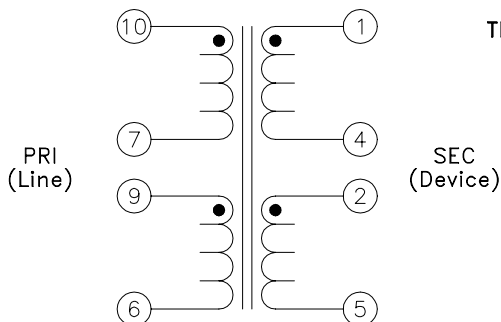
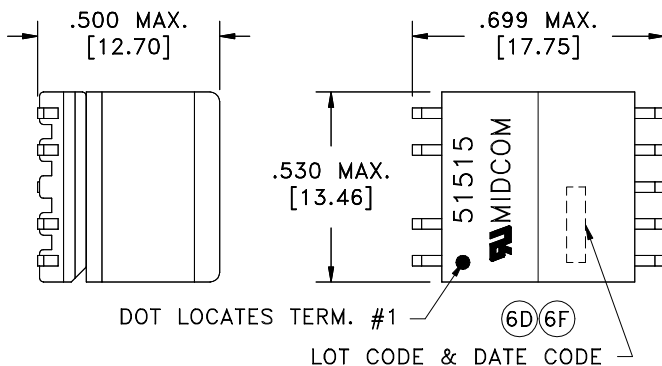
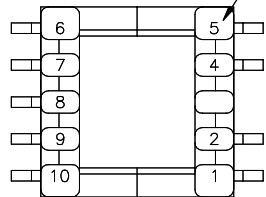


TERM. NO.'s FOR REF. ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

IMPEDANCE: Designed to reflect 100 ohms on the PRI with 39 ohm load on SEC.

LONGITUDINAL BALANCE: 45dB min., 20k - 1MHz, per ITU Method (L->M).

D.C. RESISTANCE (@20°C):
 1-4, 0.400 ohms ±10%.
 2-5, 0.400 ohms ±10%.
 10-7, 0.810 ohms ±10%.
 9-6, 0.810 ohms ±10%.

FREQUENCY RESPONSE: ±0.5dB, 100k - 1.1MHz, 772kHz ref.

INSERTION LOSS: 0.8dB max., 772kHz, 39 ohm load.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 10-1(tie 7+9, 2+4).

- (6B) INDUCTANCE: 440uH ±5%, 10kHz, 100mVAC, 10-6(tie 7+9), Ls.
- LEAKAGE INDUCTANCE: 10uH max., 100kHz, 100mVAC, 10-6(tie 7+9, 2+4, 1+5), Ls.
- TURNS RATIO: (10-6):(1-5) = 1.6:1, tie(7+9, 2+4), ±2%.
- INTERWINDING CAPACITANCE: 60pF max., 10kHz, 1.0VAC, 10-1(tie 7+9, 2+4), Cs.
- TOTAL HARMONIC DISTORTION: -88dB max., 100kHz, 4.24Vrms across PRI, 39 ohm load, 100 ohm input, tie(7+9, 2+4).
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

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

| | |
|------------------------|---------|
| (6D) | |
| AGENCY NUMBER | |
| UL 60950 | E205930 |
| CSA 60950 (Via CUL) | E205930 |

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]

DRAWING TITLE
TRANSFORMER

Midcom

DRAWING NO. **51515R** REV. 6F
 3/06

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 6

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

DWG # 51515R