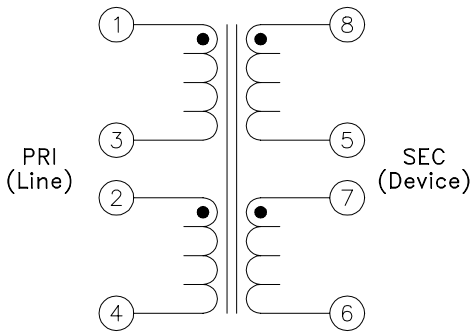
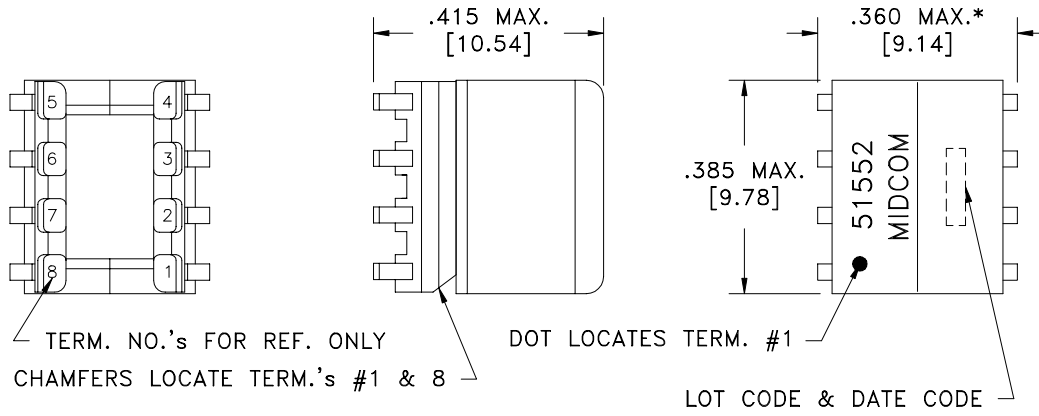
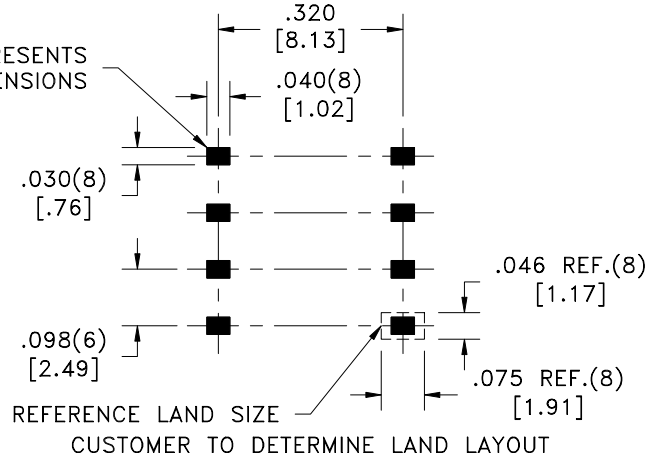


* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 40dB min., 20k - 1.1MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
 1-3, 0.77 ohms ±10%.
 2-4, 0.77 ohms ±10%.
 8-5, 0.83 ohms ±10%.
 7-6, 0.60 ohms ±10%.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-8(tie 2+3, 5+7).
- INDUCTANCE: 375uH ±8%, 10kHz, 100mVAC, 1-4(tie 2+3), Ls.
- LEAKAGE INDUCTANCE: 5uH max., 100kHz, 100mVAC, 1-4(tie 2+3, 5+7, 6+8), Ls.
- TURNS RATIO: (1-4):(8-6) = 1:1, tie(2+3, 5+7), ±1%.
- TOTAL HARMONIC DISTORTION: -75dB typ., 40kHz, 15Vp-p, 100 ohm load, 100 ohm input, tie(2+3, 5+7).

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.

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 [1.13]

DRAWING TITLE

TRANSFORMER

Midcom

DRAWING NO.

51552R

REV.

6A
6/06

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 5

DWG.# 51552R

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