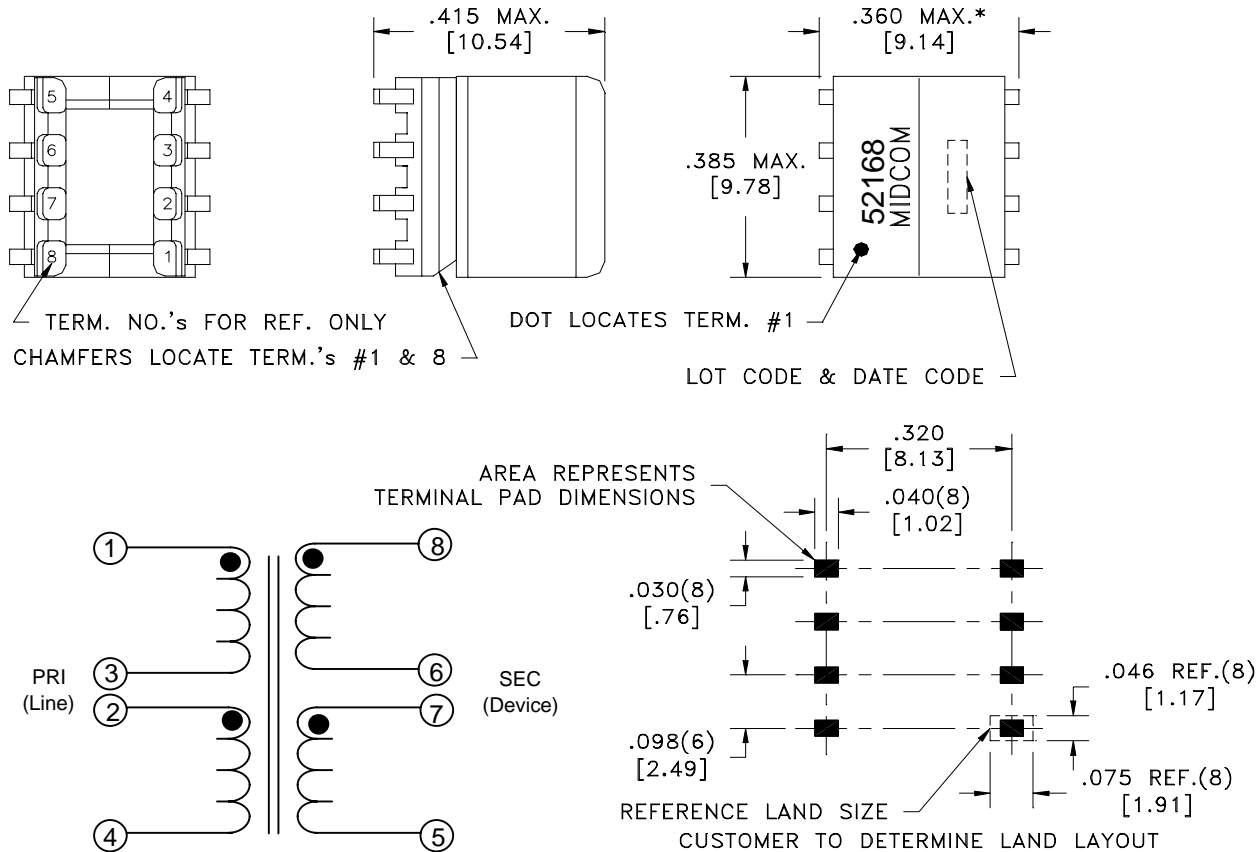


* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE:** TBDdB min., 100k-17MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):**
 - 1-3 , 0.535 Ohms ±10%.
 - 2-4 , 0.535 Ohms ±10%.
 - 8-6 , 0.260 Ohms ±10%.
 - 7-5 , 0.280 Ohms ±10%.
- INSERTION LOSS:** 0.35dB max., at 1MHz, 25 Ohm load.
- DIELECTRIC RATING:**
 - 1500VAC, 1 minute tested by applying 1875VAC for 1 second between pins 1-8(tie 2+3, 6+7).
 - 600VAC, 1 minute tested by applying 850VDC for 1 second between pins 1-2.
- INDUCTANCE:** 99µH +6/-4%, 100kHz, 100mVAC, 0mADC, 1-4(tie 2+3), Ls.
- LEAKAGE INDUCTANCE:** 1.5µH max. (1.0µH typ.), 200kHz, 100mVAC, 1-4(tie 2+3, 5+6+7+8), Ls.
- TURNS RATIO:**
 - (1-4):(8-5) , (2):(1.00) , tie(2+3, 6+7) , ±1%.
 - (1-3):(8-6) , (2):(1.00) , ±1%.
- TOTAL HARMONIC DISTORTION:** -80dB max., 50kHz, 5VRMS across PRI, 25 ohm load, 100 ohm input, tie(2+(8.2nF)+3, 6+7).
- INTERWINDING CAPACITANCE:** TBDpF max., 100kHz, 100mVAC, 1-8, tie(2+3, 6+7), Cs.

Preliminary!

Designed to comply with the following requirements as defined by IEC60950, EN60950, UL60950/CSA60950 and AS/NZS60950: - Functional 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 are as follows: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 (.127mm)		Midcom, Inc.	
	Drawing Title Transformer		Drawing Number 52168R	Rev. 01
This drawing is dual dimensioned. Dimensions in brackets are in millimeters	Revisions: See Sheet 1		Scale ----	Sheet 2 of 6
Engineer:EJK			02/09/2006	