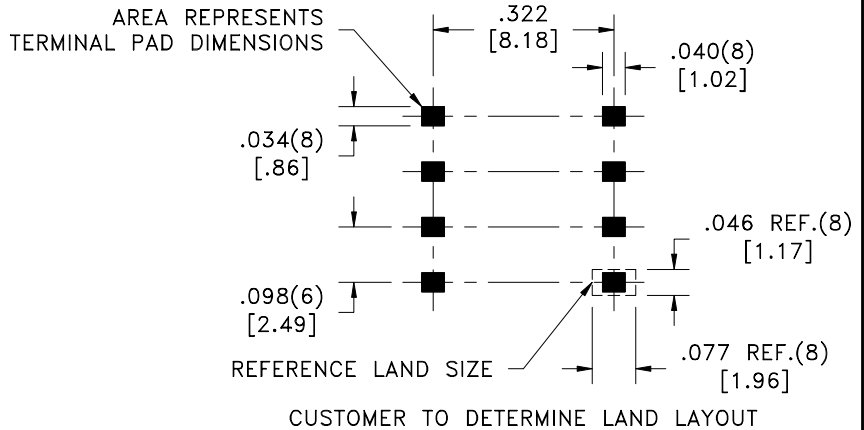
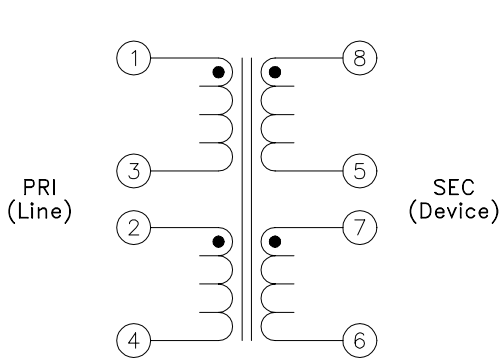
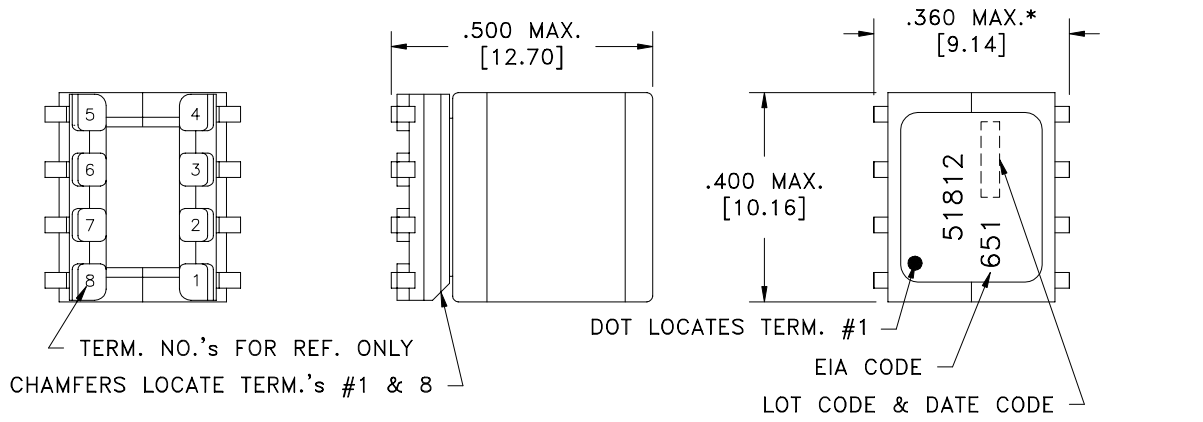


* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 40dB min., 20k – 4MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
 - 1-3, 0.699 ohms max.
 - 2-4, 0.699 ohms max.
 - 8-5, 1.073 ohms max.
 - 7-6, 0.880 ohms max.
- INSERTION LOSS: 0.4dB max., 300kHz, 123 ohm load; 0.8dB max., 1MHz, 123 ohm load.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-8(tie 2+3, 5+7).
- INDUCTANCE: 1.00mH ±7%, 10kHz, 100mVAC, 1-4(tie 2+3), Ls.
- LEAKAGE INDUCTANCE: 3.5uH max., 100kHz, 100mVAC, 1-4(tie 2+3, 5+7, 6+8), Ls.
- TURNS RATIO: (8-6):(1-4) = 1.11:1, tie(2+3, 5+7), ±2%.
- TOTAL HARMONIC DISTORTION: -80dB max., 25kHz, Vgen of 5Vrms, 100 ohm load, 50 ohm input, tie(2+3, 5+7).
- INTERWINDING CAPACITANCE: 70pF max., 100kHz, 100mVAC, 1-8(tie 2+3, 5+7), Cs.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

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

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]			DWG # 51812R
	DRAWING TITLE <h2 style="text-align: center;">TRANSFORMER</h2>	DRAWING NO. <h2 style="text-align: center;">51812R</h2>	REV. 6A 2/04	
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	REVISIONS: SEE SHEET 1	SCALE ---	SHEET 2 OF 7	