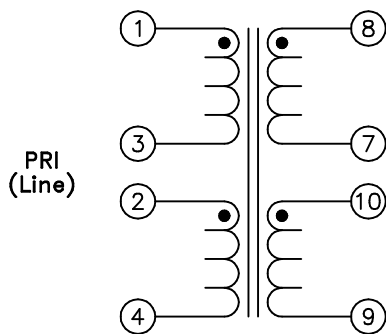
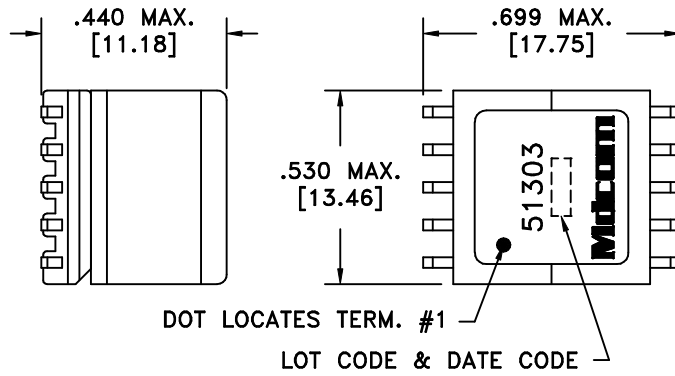
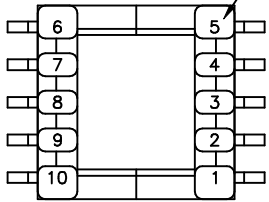


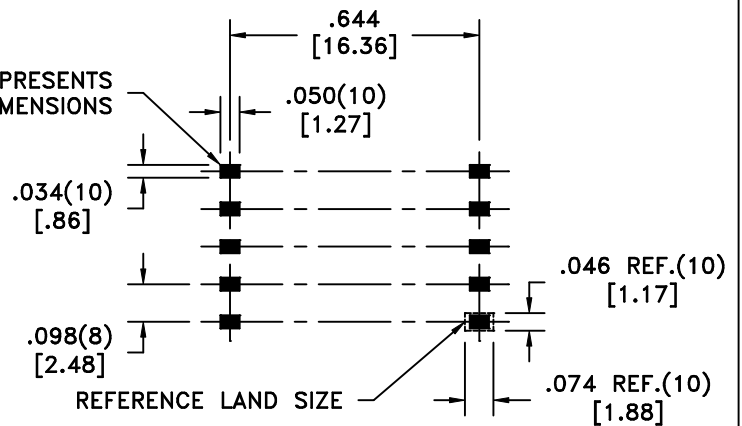
TERM. NO.'s FOR REF. ONLY



AREA REPRESENTS
TERMINAL PAD DIMENSIONS

SEC (Aux)

SEC (Device)



Ⓒ CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 50dB min., 20k - 1.1MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):
 - 1-3, 2.80 ohms ±10%.
 - 2-4, 2.80 ohms ±10%.
 - 10-9, 0.670 ohms ±10%.
 - 8-7, 4.50 ohms ±10%.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-8(tie 2+3, 7+10).
- INDUCTANCE: 3mH ±8%, 10kHz, 1.0VAC, 0/80mADC, 1-4(tie 2+3), Ls.
- LEAKAGE INDUCTANCE: 40uH max., 100kHz, 100mVAC, 1-4(tie 2+3, 9+10), Ls.
- TURNS RATIO:
 - (1-4):(10-9) = 3.2:1, tie(2+3), ±1.5%.
 - (1-4):(8-7) = 3.2:1, tie(2+3), ±1.5%.
- INTERWINDING CAPACITANCE: 55pF max., 10kHz, 1.0VAC, 1-10(tie 2+3), Cs.
- TOTAL HARMONIC DISTORTION: -80dB max., 5kHz, 1.0Vrms across PRI, 11.7 ohm load, 135 ohm input, tie(2+3).
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Ⓒ 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.

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 <h2 style="text-align: center;">TRANSFORMER</h2>	DRAWING NO. <h2 style="text-align: center;">51303R</h2>	REV. 6E 10/06
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	REVISIONS: SEE SHEET 1	SCALE ---	SHEET 2 OF 7

DWG# 51303R