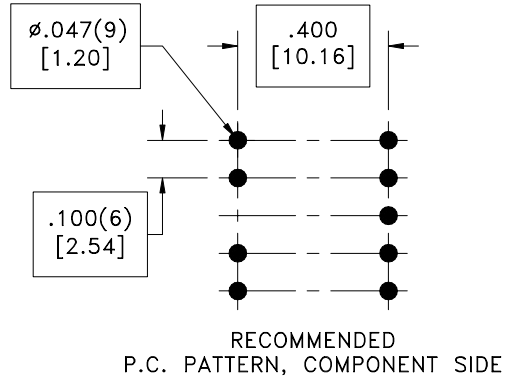
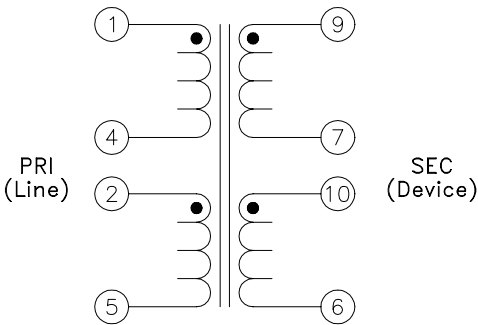
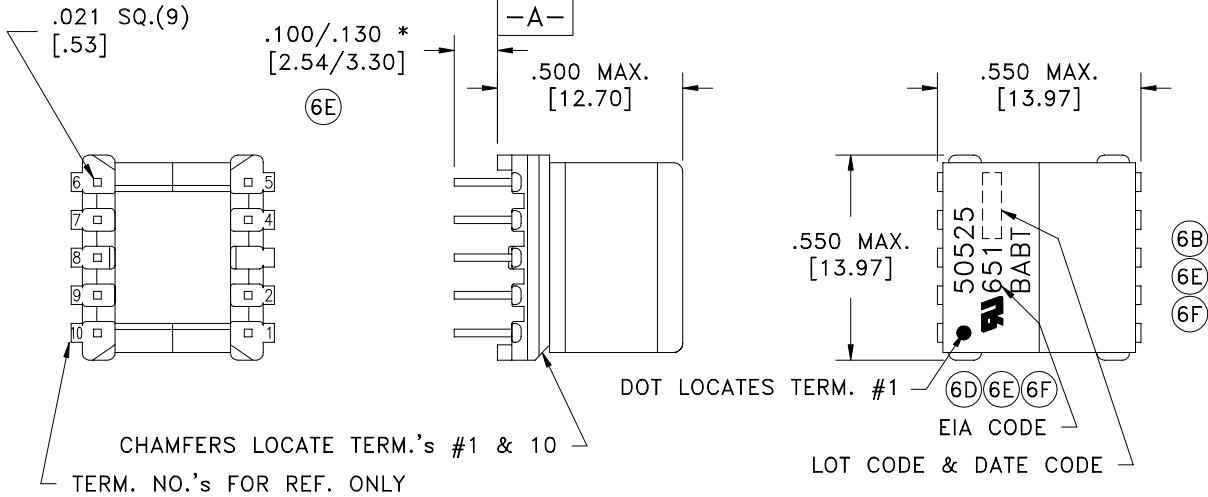


PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

\* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

LONGITUDINAL BALANCE: 60dB min., 25k - 1MHz, per ITU Method (L->M).  
 D.C. RESISTANCE (@20°C): 9-7, 0.42 ohms ±10%.  
 1-4, 0.98 ohms ±10%.  
 2-5, 0.98 ohms ±10%.  
 10-6, 0.92 ohms ±10%.

INSERTION LOSS: 0.5dB max., at 100kHz, 6.25 ohm load.  
 DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between PRI-SEC.

INDUCTANCE: 27.5uH ±10%, 10kHz, 100mVAC, 9-7, Ls.  
 (6D) LEAKAGE INDUCTANCE: 11uH max., 100kHz, 100mAAC, 10-6(tie 2+4, 1+5), Ls.  
 TURNS RATIO: (1-5):(9-7) = 4:1, tie(2+4), ±1%.  
 (1-5):(10-6) = 2:1, tie(2+4), ±1%.

(6J) TOTAL HARMONIC DISTORTION: -90dB typ., 100kHz, 5.3Vrms across PRI, 6.25 ohm load, 100 ohm input.

(6F) OPERATING TEMPERATURE RANGE: -40°C to +85°C

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

AGENCY NUMBER	
BABT	NC/012203
UL 60950	E205930
CSA 60950 (Via CUL)	E205930
IEC 60950 (Via CB cert.)	US/8104/UL
ACA/AUSTEL (Via CB cert.)	US/8104/UL
JAPAN (Via CB cert.)	US/8104/UL

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. **50525** REV. 6J  
 7/04

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 6

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

DWG.# 50525

(6D)