

PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID  
 .021 SQ.(9)  
 [.53]

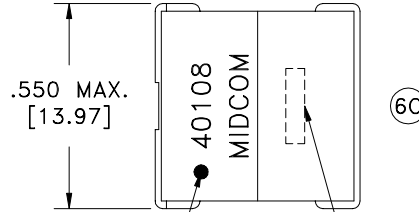
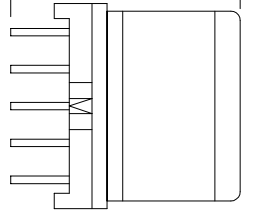
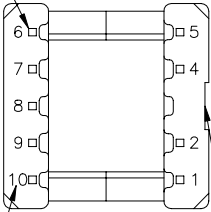
\* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY

.100/.130 \*  
 [2.54/3.30]

-A-

.500 MAX.  
 [12.70]

.550 MAX.  
 [13.97]



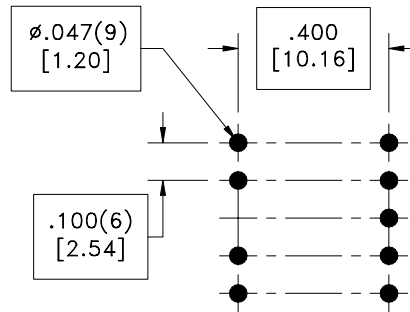
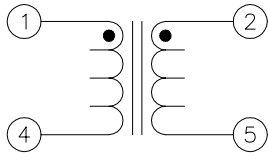
DOT LOCATES TERM. #1

LOT CODE & DATE CODE

NOTCH LOCATES TERM. 1-5 SIDE

TERM. NO.'s FOR REF. ONLY

6B



RECOMMENDED  
 P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- D.C. RESISTANCE (@20°C): 1-4, 5.0 ohms ±10%.  
 2-5, 5.0 ohms ±10%.
- DIELECTRIC RATING: 850VDC for 1 second between 1-2.
- INDUCTANCE: 6.4mH ±10%, 10kHz, 1.0VAC, 0/100mADC, 1-4; 2-5, Ls.
- D.C. CURRENT: 50mADC max., 1-5(tie 2+4).
- TURNS RATIO: (1-4):(2-5) = 1:1, ±1%.
- INTERWINDING CAPACITANCE: 820pF typ., 10kHz, 1.0VAC, 1-2, Cs.
- RESONANT FREQUENCY: 350kHz min., (480kHz typ.), 1-4 & 2-5.

**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  
**INDUCTOR**

Midcom

DRAWING NO.

**40108**

REV.

6C  
 8/05

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 5

DWG # 40108

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