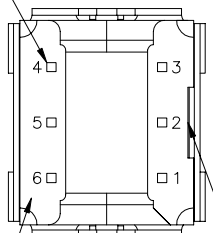
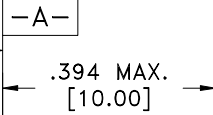


PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

\* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY

.016 SQ.(6)  
[.41]

.110/.130 \*  
[2.79/3.30]



(6L)

(6K)

.012 x .036 REF.(2)  
[.30 x .91]

TERM. NO.'s FOR REF. ONLY

NOTCH LOCATES TERM. #1-3 SIDE

DOT LOCATES TERM. #1

EIA CODE

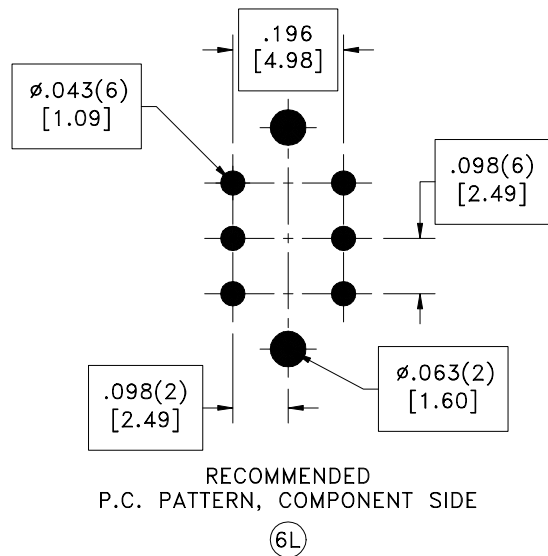
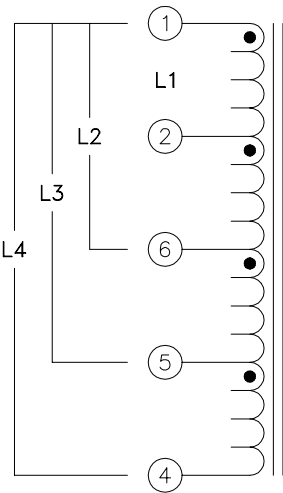
LOT CODE & DATE CODE

.375 MAX.  
[9.53]

(6L)  
.430 MAX.  
[10.92]

(6E)

(6L)



RECOMMENDED P.C. PATTERN, COMPONENT SIDE

(6L)

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- (6L) D.C. RESISTANCE (@20°C):  
 1-2, 2.10 ohms ±10%.  
 1-6, 2.95 ohms ±10%.  
 1-5, 5.78 ohms ±10%.  
 1-4, 9.73 ohms ±10%.
- (6B)(6D) DIELECTRIC RATING: 500VDC for 1 second between winding-core.
- (6B) D.C. CURRENT: 90mA max. through L1, 70mA max. through L2.
- (6L) INDUCTANCE:  
 1.44mH ±5%, 1000Hz, 100mAAC, 1-2, Ls.  
 2.58mH ±5%, 1000Hz, 100mAAC, 1-6, Ls.  
 4.52mH ±5%, 1000Hz, 100mAAC, 1-5, Ls.  
 7.96mH ±5%, 1000Hz, 100mAAC, 1-4, Ls.

SEE APPLICATION DRAWING AD671-4345 FOR CIRCUIT SETUP.  
DESIGNED FOR USE IN 12kHz AND 16kHz TAX PULSE FILTERS.

TO OPTIMIZE RETURN LOSS, VARIOUS CAPACITORS MAY NEED TO BE ADDED.

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  
**INDUCTOR**

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO. **671-4345** (6F) REV. 6L  
**4345U** 7/03

SCALE --- SHEET 2 OF 5

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

DWG # 671-4345/U