



AREA REPRESENTS
TERMINAL PAD DIMENSIONS

REFERENCE LAND SIZE:
.140 x .100(4)
[3.56 x 2.54]

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

D.C. RESISTANCE (@20°C): See Table.

DIELECTRIC RATING: 500VDC, 1 minute tested by applying
625VDC for 1 second between windings.

INDUCTANCE: 100kHz, 100mV.

CUSTOMER TO DETERMINE
LAND LAYOUT

MIDCOM P/N	INDUCTANCE uH±20% (Term. 1-3)	DCR (Series) Max. Ohms (Term. 1-5, tie 3+7)	DCR (Parallel) Max. Ohms (Term. 1-3, tie 7+1, 3+5)	INDUCTANCE (Parallel) (Term. 1-3, tie 7+1, 3+5)	
				ADC	Ind. min. uH
40034R	0.42	0.025	0.007	6.2	0.30
40035R	0.67	0.029	0.008	5.7	0.47
40036R	0.91	0.033	0.009	5.4	0.63
40037R	1.85	0.045	0.012	4.6	1.21
40038R	4.74	0.090	0.023	3.2	2.96
40039R	8.16	0.119	0.030	2.8	4.78
40040R	9.79	0.132	0.033	2.7	5.57
40041R	14.5	0.198	0.050	2.2	8.29
40042R	20.2	0.443	0.111	1.5	12.8
40043R	25.3	0.499	0.125	1.4	15.8
40044R	32.6	0.571	0.143	1.3	19.8
40045R	50.0	1.11	0.277	0.92	32.2
40046R	68.8	1.31	0.328	0.84	43.0
40047R	101	2.01	0.502	0.68	63.9
40048R	150	2.48	0.621	0.64	88.7
40049R	200	2.93	0.732	0.60	114
40050R	298	3.70	0.926	0.50	168

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. **40034R** (6D) REV. 6J
thru 40050R 10/02

SCALE --- (6F)(6E) SHEET 2 OF 6

DWG # 40034R/40050R

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