

## ■ FIXED INDUCTORS

### Standard Axial Inductors

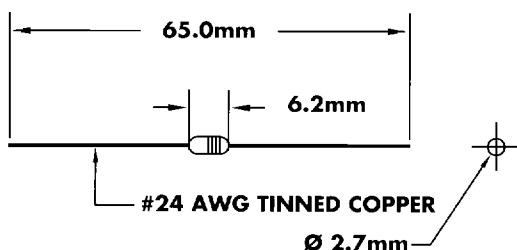
These inductors are ideal for cost sensitive applications. Our fixed inductors have the following advantages:

- Available from stock
- Extremely competitively priced for small or large quantities
- Excellent electrical performance—High Q
- Conformally coated
- Excellent resistance to humidity
- Very high reliability
- Tolerances shown are standard. You may special order to tighter tolerances if required
- Available bulk packaged or taped for automatic insertion
- Color coded for easy identification

Engineering Design Kit K-CEC-000 available.

The kit contains 250 inductors (25 values x 10 inductors)

**CEC-470K**  
 TOLERANCE (%)  
 INDUCTANCE VALUE  $\mu$ H  
 TYPE ID



Sales office UK and Europe

### MAGNETIC COMPONENT ENGINEERING, INC.

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### MAGNETIC COMPONENT ENGINEERING (UK) LTD.

111 Wellington Street, Luton, Bedfordshire, LU1 5AF, United Kingdom  
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PART NO.	INDUCTANCE		Q MIN	TEST FREQ (MHZ)	SRF MIN (MHZ)	DCR MAX (OHM)	DCI MAX (MA)
	( $\mu$ H)	TOL					
CEC-R10M	0.10	$\pm 20\%$	60	25.20	255	0.08	1520
CEC-R12M	0.12	$\pm 20\%$	60	25.20	252	0.08	1500
CEC-R15-M	0.15	$\pm 20\%$	60	25.20	250	0.09	1450
CEC-R18-M	0.18	$\pm 20\%$	60	25.20	245	0.09	1400
CEC-R22-M	0.22	$\pm 20\%$	70	25.20	240	0.1	1350
CEC-R27M	0.27	$\pm 20\%$	70	25.20	230	0.1	1300
CEC-R33M	0.33	$\pm 20\%$	70	25.20	235	0.11	1250
CEC-R39M	0.39	$\pm 20\%$	70	25.20	250	0.12	1200
CEC-R47M	0.47	$\pm 20\%$	70	25.20	252	0.12	1100
CEC-R56M	0.56	$\pm 20\%$	70	25.20	254	0.13	1050
CEC-R68M	0.68	$\pm 20\%$	70	25.20	250	0.15	1000
CEC-R82M	0.82	$\pm 20\%$	80	25.20	252	0.19	950
CEC-1R0M	1.00	$\pm 20\%$	80	25.20	254	0.20	880
CEC-1R2M	1.20	$\pm 20\%$	80	7.96	230	0.22	820
CEC-1R5M	1.50	$\pm 20\%$	80	7.96	232	0.23	780
CEC-1R8K	1.80	$\pm 10\%$	80	7.96	220	0.25	730
CEC-2R2K	2.20	$\pm 10\%$	80	7.96	226	0.3	690
CEC-2R7K	2.70	$\pm 10\%$	80	7.96	220	0.35	650
CEC-3R3K	3.30	$\pm 10\%$	80	7.96	98	0.5	630
CEC-3R9K	3.90	$\pm 10\%$	80	7.96	92	0.6	610
CEC-4R7K	4.70	$\pm 10\%$	80	7.96	90	0.8	540
CEC-5R6K	5.60	$\pm 10\%$	80	7.96	95	0.9	520
CEC-6R8K	6.80	$\pm 10\%$	80	7.96	85	1.0	480
CEC-8R2K	8.20	$\pm 10\%$	80	7.96	89	1.0	430
CEC-100K	10.00	$\pm 10\%$	80	7.96	80	1.1	400
CEC-120K	12.00	$\pm 10\%$	70	2.52	37	1.3	380
CEC-150K	15.00	$\pm 10\%$	70	2.52	25	1.5	360
CEC-180K	18.00	$\pm 10\%$	70	2.52	18	1.6	340
CEC-220K	22.00	$\pm 10\%$	70	2.52	16	1.7	300
CEC-270K	27.00	$\pm 10\%$	70	2.52	15	1.9	290
CEC-330K	33.00	$\pm 10\%$	70	2.52	13	2.1	280
CEC-390K	39.00	$\pm 10\%$	70	2.52	13	2.4	260
CEC-470K	47.00	$\pm 10\%$	70	2.52	13	2.6	250
CEC-560K	56.00	$\pm 10\%$	70	2.52	13.5	2.8	240
CEC-680K	68.00	$\pm 10\%$	70	2.52	13	3.0	230
CEC-820K	82.00	$\pm 10\%$	70	2.52	13	3.4	220
CEC-101K	100.00	$\pm 10\%$	70	2.52	13	3.8	200
CEC-121K	120.00	$\pm 10\%$	70	0.796	13	4.5	180
CEC-151K	150.00	$\pm 10\%$	60	0.796	13	5	170
CEC-181K	180.00	$\pm 10\%$	60	0.796	13.5	7.5	160
CEC-221K	220.00	$\pm 10\%$	60	0.796	13	8.8	140
CEC-271K	270.00	$\pm 10\%$	60	0.796	13	9.5	130
CEC-331K	330.00	$\pm 10\%$	60	0.796	10	10.8	110
CEC-391K	390.00	$\pm 10\%$	40	0.796	7.2	17	100
CEC-471K	470.00	$\pm 10\%$	40	0.796	3.8	20	95
CEC-561K	560.00	$\pm 10\%$	40	0.796	3.5	22	80
CEC-681K	680.00	$\pm 10\%$	40	0.796	3.4	23	70
CEC-821K	820.00	$\pm 10\%$	40	0.796	3.2	25	65
CEC-102K	1000.00	$\pm 10\%$	40	0.796	3.0	29	60