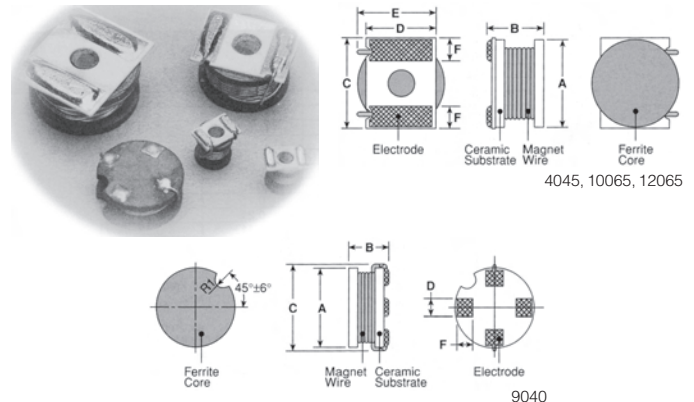


Cat. No.	Nominal Inductance (nH)	Tol.	Q Quality Factor Min.	DC Resistance Max. $\Omega$	Allowable DC Current Max. (mA)	Net Price
QK0603TTE36NG	36	$\pm 2\%$	38	0.25	600	<b>\$.50</b>
QK0603TTE47NG	47	$\pm 2\%$		0.28		<b>.50</b>
QK0603TTE72NG	72	$\pm 2\%$	34	0.49		<b>.50</b>
QK0603TTER10G	100	$\pm 2\%$		0.58	400	<b>.50</b>
QK0603TTER18G	180	$\pm 2\%$	25	2.2	140	<b>.50</b>
QK0603TTER39G	390	$\pm 2\%$	30	3.7	80	<b>.50</b>
QK0805TTE3N3J	3.3	$\pm 5\%$	50	0.08	600	<b>.41</b>
QK0805TTE12NJ	12	$\pm 5\%$		0.15		<b>.41</b>
QK0805TTE22NJ	22	$\pm 5\%$	55	0.22	500	<b>.41</b>
QK0805TTE39NJ	39	$\pm 5\%$	60	0.29		<b>.41</b>
QK0805TTE68NG	68	$\pm 2\%$	65	0.38		<b>.47</b>
QK0805TTE82NG	82	$\pm 2\%$		0.42	400	<b>.47</b>
QK0805TTER10G	100	$\pm 2\%$		0.46		<b>.47</b>
QK0805TTER22G	220	$\pm 2\%$	50	0.70		<b>.47</b>
QK0805TTER47J	470	$\pm 5\%$	33	1.76	250	<b>.41</b>
QK0805TTER82J	820	$\pm 5\%$	23	2.35	180	<b>.41</b>
QK1008TTE10NJ	10	$\pm 5\%$			1000	<b>.41</b>
QK1008TTE18NJ	18	$\pm 5\%$				<b>.41</b>
QK1008TTE33NJ	33	$\pm 5\%$				<b>.41</b>
QK1008TTE56NG	56	$\pm 2\%$				<b>.47</b>
QK1008TTER10G	100	$\pm 2\%$				<b>.47</b>
QK1008TTER15G	150	$\pm 2\%$			800	<b>.47</b>
QK1008TTER22G	220	$\pm 2\%$			720	<b>.47</b>

NOTE: Tolerances available (C: 0.2nH, G:  $\pm 2\%$ , H:  $\pm 3\%$ , J:  $\pm 5\%$ , K:  $\pm 10\%$ , M:  $\pm 20\%$ ). Please contact an Electro Sonic sales representative for sample kit details.

Cat. No.	Nominal Inductance (nH)	Tolerance	Q Quality Factor Min.	DC Resistance Max. $\Omega$	Allowable DC Current Max. (mA)	Net Price
QKC0603TTE10NJ	10	$\pm 5\%$	35	0.065	1.25	<b>\$.47</b>
QKC0603TTE12NJ	12			0.055	1.40	<b>.47</b>
QKC0603TTE15NJ	15			0.065	1.25	<b>.47</b>
QKC0603TTE18NJ	18			0.090	1.20	<b>.47</b>
QKC0603TTE22NJ	22			0.100	1.10	<b>.47</b>
QKC0603TTE27NJ	27			0.120	1.00	<b>.47</b>

NOTE: Please contact an Electro Sonic sales representative for sample kit details. Packaging TE: 4mm pitch embossed plastic.



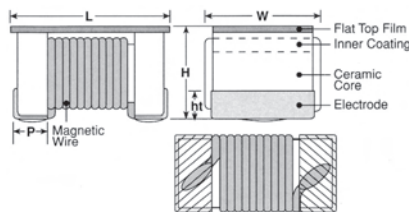
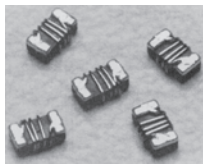
## CHOKO COIL INDUCTORS LPC TYPE

FEATURES: High Q achieved by wirewound structure. Suitable for reflow and wave soldering. UL94V0 molded epoxy case.

Size Code	A	B	C	D	E	F
4045	.157 $\pm$ .008 (4.0 $\pm$ 0.2)	.169 $\pm$ .009 (14.3 $\pm$ 0.2)	.177 $\pm$ .008 (4.5 $\pm$ 0.2)	.118 $\pm$ .008 (3.0 $\pm$ 0.2)	.138 (3.5)	.039 $\pm$ .012 (1.0 $\pm$ 0.3)
9040	.354, +.002, -.004 (9.0, +0.5, -0.1)	.139 Max. (4.9 Max.)	.402 Max. (10.2 Max.)	.079 $\pm$ .008 (2.0 $\pm$ 0.2)	—	.071 $\pm$ .008 (1.8 $\pm$ 0.2)
10065	.394 $\pm$ .008 (10.0 $\pm$ 0.2)	.295 Max. (7.5 Max.)	.409 $\pm$ .008 (10.4 $\pm$ 0.2)	.315 $\pm$ .008 (8.0 $\pm$ 0.2)	.354 (9.0)	.146 $\pm$ .008 (2.5 $\pm$ 0.2)
12065	.472 $\pm$ .008 (12.0 $\pm$ 0.2)	.295 Max. (7.5 Max.)	.488 $\pm$ .008 (12.4 $\pm$ 0.2)	.472 $\pm$ .008 (10.0 $\pm$ 0.2)	.433 (11.0)	.146 $\pm$ .112 (3.7 $\pm$ 0.3)

KQ	1008	L	TD	27N	K
Material			Resistance		
KQ KQT KQC LPC	0402 0603 0805 1008 4045 9040 10065 12065	L: SnPb T: Sn A: SnAg	TE TD TED	10N: 10 $\mu$ H R10: 0.1 $\mu$ H 1R0: 1.0 $\mu$ H 10I: 100 $\mu$ H 22I: 220 $\mu$ H	C: $\pm 0.2\%$ H: $\pm 3\%$ K: $\pm 10\%$ M: $\pm 20\%$ N: $\pm 30\%$

## ORDERING INFORMATION FOR KQ TYPE, KQC TYPE, AND LPC TYPE INDUCTORS



## HIGH CURRENT INDUCTOR KQC0603 TYPE

FEATURES: Low DC resistance and high allowable DC current. Low profile style 0.027 inches (0.7mm) typical. Suitable for reflow soldering.

Size Code	L	W	H	Ht	P
0603	.039 $\pm$ .004 (1.6 $\pm$ 0.1)	.041 $\pm$ .008 (1.05 $\pm$ 0.2)	.028 $\pm$ .004 (0.7 $\pm$ 0.1)	.008 $\pm$ .006 (0.2 $\pm$ 0.15)	.015 $\pm$ .004 (0.37 $\pm$ 0.1)

Cat. No.	Nominal Inductance (nH)	Tolerance	Q Quality Factor Min.	DC Resistance Max. $\Omega$	Allowable DC Current Max. (mA)	Net Price
QKC0603TTE1N2J	1.2	$\pm 5\%$	18	0.020	2.25	<b>\$.47</b>
QKC0603TTE2N7J	2.7		35	0.025	2.00	<b>.47</b>
QKC0603TTE4N7J	4.7			0.035	1.80	<b>.47</b>
QKC0603TTE5N6J	5.6					<b>.47</b>
QKC0603TTE7N5J	7.5			0.045	1.50	<b>.47</b>
QKC0603TTE8N2J	8.2					<b>.47</b>

Cat. No.	Inductance ( $\mu$ H)	Tol.	Self Resonant Freq. Min. (MHz)	DC Resistance Max. ( $\Omega$ )	Allowable DC Current Max. (A)	Net Price
Q LPC4045ATED1R0M	1.0	$\pm 20\%$	90.0	0.015	3.10	<b>\$.195</b>
Q LPC4045ATED3R3M	3.3	$\pm 20\%$	45.0	0.044	1.80	<b>1.95</b>
Q LPC4045ATED6R8M	6.8	$\pm 20\%$	25.0	0.075	1.30	<b>1.95</b>
Q LPC4045ATED100K	10	$\pm 10\%$	23.5	0.10	1.02	<b>1.95</b>
Q LPC4045ATED680K	68	$\pm 10\%$	8.0	0.67	0.40	<b>1.95</b>
Q LPC4045ATED151K	150	$\pm 10\%$	5.2	1.80	0.25	<b>1.95</b>
Q LPC4045ATED331K	330	$\pm 10\%$	3.0	4.27	0.15	<b>1.95</b>
Q LPC4045ATED681K	680	$\pm 10\%$	2.2	6.67	0.12	<b>1.95</b>
Q LPC9040NATED100M	10	$\pm 20\%$	25.0	0.07	1.55	<b>2.62</b>
Q LPC9040NATED330K	33	$\pm 10\%$	13.5	0.14	1.10	<b>2.62</b>
Q LPC9040NATED101K	100	$\pm 10\%$	8.0	0.41	0.70	<b>2.62</b>
Q LPC9040NATED221K	220	$\pm 10\%$	5.0	0.81	0.50	<b>2.62</b>
Q LPC9040NATED471K	470	$\pm 10\%$	2.8	2.07	0.22	<b>2.62</b>
Q LPC10065ATEDR68M	0.68	$\pm 20\%$	75.0	6.0M $\Omega$	9.50	<b>4.86</b>
Q LPC10065ATED2R2M	2.2	$\pm 20\%$	40.0	9.0M $\Omega$	7.50	<b>4.86</b>
Q LPC10065ATED100K	10	$\pm 10\%$	15.0	0.036	3.90	<b>4.86</b>
Q LPC10065ATED470K	47	$\pm 10\%$	6.0	0.175	1.79	<b>4.86</b>
Q LPC10065ATED101K	100	$\pm 10\%$	4.0	0.380	1.22	<b>4.86</b>
Q LPC10065ATED102K	1000	$\pm 10\%$	0.95	4.00	0.38	<b>4.86</b>
Q LPC10065ATED332K	3300	$\pm 10\%$	0.55	13.5	0.21	<b>4.86</b>
Q LPC12065ATEDR68N	0.68	$\pm 30\%$	77.0	5.0m $\Omega$	10.0	<b>5.05</b>
Q LPC12065ATED2R2N	2.2	$\pm 30\%$	38.0	10.0m $\Omega$	8.00	<b>5.05</b>
Q LPC12065ATED3R3M	3.3	$\pm 20\%$	30.0	0.012	7.00	<b>5.05</b>
Q LPC12065ATED150K	15	$\pm 10\%$	12.0	0.046	3.63	<b>5.05</b>
Q LPC12065ATED101K	100	$\pm 10\%$	4.0	0.260	1.38	<b>5.05</b>
Q LPC12065ATED331K	330	$\pm 10\%$	2.0	0.790	0.77	<b>5.05</b>
Q LPC12065ATED222K	2.2mH	$\pm 10\%$	0.67	4.60	0.29	<b>5.05</b>
Q LPC12065ATED682K	6.8mH	$\pm 10\%$	0.34	13.2	0.16	<b>5.05</b>

NOTE: Packaging TED: 10" embossed plastic. Sample kits available; please contact an Electro Sonic sales representative.