

KOA SPEER High Q Inductors

RoHS Compliant This product is RoHS compliant.



0402 KQ HIGH Q INDUCTORS

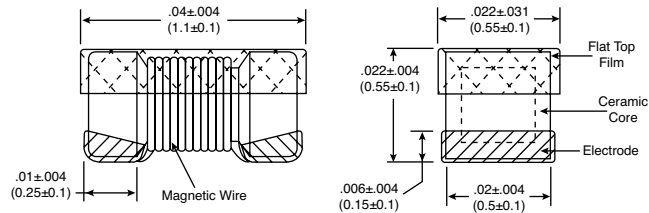
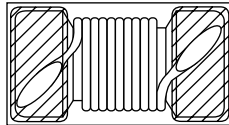
0402 Case Size

Features:

- Surface mount
- Flat top suitable for high speed pick-and-place components
- Excellent high frequency applications
- High Q factors and self-resonant frequency values
- Marking: White body color with no marking



RoHS Compliant



For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Nominal Inductance Value (nH)	L Measuring Frequency (MHz)	Tol. ±	Q Quality Factor Min.	SRF Min. (MHz)	Price Each				
Mfr.	Mfr. Part No.						1	10	100	500	1000
660	KQT0402TTD2N2J	2.2	250	5%	19	6000					
660	KQT0402TTD3N3J	3.3	250	5%	19	6000					
660	KQT0402TTD3N6J	3.6	250	5%	19	6000					
660	KQT0402TTD3N9J	3.9	250	5%	19	5800					
660	KQT0402TTD5N1J	5.1	250	5%	20	5800					
660	KQT0402TTD5N6J	5.6	250	5%	20	5800					
660	KQT0402TTD6N2J	6.2	250	5%	20	5800					
660	KQT0402TTD7N5J	7.5	250	5%	22	5800					
660	KQT0402TTD8N2J	8.2	250	5%	22	4400					
660	KQT0402TTD9N0J	9	250	5%	22	4160					
660	KQT0402TTD10N2J	10	250	5%	21	3900					

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MOUSER STOCK NO.		Nominal Inductance Value (nH)	L Measuring Frequency (MHz)	Tol. ±	Q Quality Factor Min.	SRF Min. (MHz)	Price Each				
Mfr.	Mfr. Part No.						1	10	100	500	1000
660	KQT0402TTD11NJ	11	250	5%	24	3680					
660	KQT0402TTD12NJ	12	250	5%	24	3600					
660	KQT0402TTD15NJ	15	250	5%	24	3280					
660	KQT0402TTD19NJ	19	250	5%	24	3040					
660	KQT0402TTD23NJ	23	250	5%	24	2720					
660	KQT0402TTD27NJ	27	250	5%	24	2480					
660	KQT0402TTD36NJ	36	250	5%	24	2320					
660	KQT0402TTD40NJ	40	250	5%	24	2240					
660	KQT0402TTD47NJ	47	250	5%	20	2100					
660	KQT0402TTD56NJ	56	250	5%	25	2800					

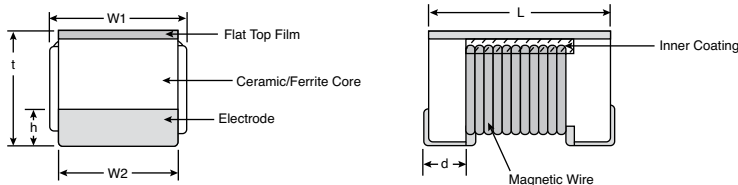
0603 AND 0805 KQ HIGH Q INDUCTORS

Features:

- Surface mount
- Flat top suitable for high speed pick-and-place components
- Excellent high frequency applications
- High Q factors and self-resonant frequency values
- Marking: Black body color with white marking



RoHS Compliant



0603 Case Size

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Nominal Inductance Value (nH)	L Measuring Frequency (MHz)	Tol. ±	Q Quality Factor Minimum	SRF Min. (MHz)	Price Each				
Mfr.	Mfr. Part No.						1	10	100	500	1000
660	KQ0603TTE1N6J	1.6	250	5%	24	12,500					
660	KQ0603TTE1N8J	1.8	250	5%	16	12,500					
660	KQ0603TTE3N6J	3.6	250	5%	22	6900					
660	KQ0603TTE3N9J	3.9	250	5%	22	6900					
660	KQ0603TTE4N3J	4.3	250	5%	22	5900					
660	KQ0603TTE6N8G	6.8	250	2%	27	5800					
660	KQ0603TTE7N5G	7.5	250	2%	28	4800					
660	KQ0603TTE8N7G	8.7	250	2%	28	4600					
660	KQ0603TTE10NG	10	250	2%	31	4800					
660	KQ0603TTE11NG	11	250	2%	33	4000					
660	KQ0603TTE12NG	12	250	2%	35	4000					
660	KQ0603TTE15NG	15	250	2%	35	4000					
660	KQ0603TTE16NG	16	250	2%	34	3300					
660	KQ0603TTE18NG	18	250	2%	35	3100					
660	KQ0603TTE22NG	22	250	2%	38	3000					
660	KQ0603TTE24NG	24	250	2%	37	2650					
660	KQ0603TTE27NG	27	250	2%	40	2800					
660	KQ0603TTE30NG	30	250	2%	37	2250					
660	KQ0603TTE33NG	33	250	2%	40	2300					
660	KQ0603TTE36NG	36	250	2%	38	2080					
660	KQ0603TTE39NG	39	250	2%	40	2200					
660	KQ0603TTE43NG	43	250	2%	39	2000					
660	KQ0603TTE56NG	56	200	2%	38	1900					
660	KQ0603TTE68NG	68	200	2%	37	1700					
660	KQ0603TTE72NG	72	150	2%	34	1700					
660	KQ0603TTE82NG	82	150	2%	34	1700					
660	KQ0603TTER10G	100	150	2%	34	1400					
660	KQ0603TTER11G	110	150	2%	32	1350					
660	KQ0603TTER12G	120	150	2%	32	1300					
660	KQ0603TTER15G	150	150	2%	32	1400					
660	KQ0603TTER18G	180	100	2%	25	1300					
660	KQ0603TTER22G	220	100	2%	25	1200					
660	KQ0603TTER27G	270	100	2%	24	900					
660	KQ0603TTER33G	330	100	2%	30	800					
660	KQ0603TTER39G	390	100	2%	30	700					

Size Code	DIMENSIONS: in. (mm)					
	L	W1	W2	t	h	d
0603	.063±.004 (1.6±0.1)	.039±.004 (1.0±0.1)	.033±.004 (0.85±0.1)	.035±.004 (0.9±0.1)	.01±.006 (0.25±0.15)	.014±.004 (0.35±0.1)
0805	.079±.008 (2.0±0.2)	.059±.008 (1.5±0.2)	.053±.004 (1.35±0.1)	.051±.008 (1.3±0.2)	.016±.006 (0.40±0.15)	.018±.004 (1.45±0.1)

0805 Case Size

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Nominal Inductance Value (nH)	L Measuring Frequency (MHz)	Tol. ±	Q Quality Factor Minimum	SRF Min. (MHz)	Price Each				
Mfr.	Mfr. Part No.						1	10	100	500	1000
660	KQ0805TTE3N3J	3.3	250	5%	50	6000					
660	KQ0805TTE6N8J	6.8	250	5%	50	5500					
660	KQ0805TTE8N2J	8.2	250	5%	50	4700					
660	KQ0805TTE12NJ	12	250	5%	50	4000					
660	KQ0805TTE15NJ	15	250	5%	50	3400					
660	KQ0805TTE18NJ	18	250	5%	50	3300					
660	KQ0805TTE22NJ	22	250	5%	55	2600					
660	KQ0805TTE27NJ	27	250	5%	55	2500					
660	KQ0805TTE33NJ	33	250	5%	60	2050					
660	KQ0805TTE39NJ	39	250	5%	60	2000					
660	KQ0805TTE47NJ	47	200	5%	60	1650					
660	KQ0805TTE56NG	56	200	2%	60	1550					
660	KQ0805TTE68NG	68	200	2%	60	1450					
660	KQ0805TTE82NG	82	150	2%	65	1300					
660	KQ0805TTER10G	100	150	2%	65	1200					
660	KQ0805TTER12G	120	150	2%	50	1100					
660	KQ0805TTER15G	150	100	2%	50	920					
660	KQ0805TTER18G	180	100	2%	50	870					
660	KQ0805TTER22G	220	100	2%	50	850					
660	KQ0805TTER27G	270	100	2%	48	650					
660	KQ0805TTER33G	330	100	2%	48	600					
660	KQ0805TTER39G	390	100	2%	48	560					
660	KQ0805TTER47G	470	50	2%	33	375					
660	KQ0805TTER56G	560	25	2%	23	340					
660	KQ0805TTER68G	680	25	2%	23	188					
660	KQ0805TTER82G	820	25	2%	23	215					