

REFLOW

■ PARTS NUMBER

* Operating Temp.: -55~+125°C

H	K	Q	0	6	0	3	S	1	0	N	J	-	T
①			②				③	④			⑤		⑥

△ = Blank space

① Series name

Code	Series name
HKQ	High-Q multilayer chip inductor for high frequency applications
AQ△	

② Dimensions (L × W)

Code	Type (inch)	Dimensions (L × W) [mm]
0603	0603(0201)	0.6 × 0.3
105△	105(0402)	1.0 × 0.6

③ Series code

Code	Series code
△	Standard
S	S
U	U

④ Nominal inductance

Code (example)	Nominal inductance [nH]
3N9	3.9
10N	10.0

※N=0.0(nH type)

⑤ Inductance tolerance

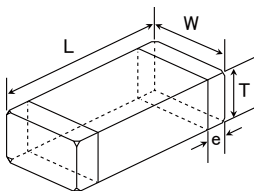
Code	Inductance tolerance
H	±3%
J	±5%
B	±0.1nH
C	±0.2nH
S	±0.3nH

⑥ Packaging

Code	Packaging
-T	Taping
-E	Taping (1mm pitch) 0402type only

■ STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY

HKQ0603S, HKQ0603U, AQ 105



Type	L	W	T	e	Standard quantity [pcs]	
					Paper tape	Embossed tape
HKQ0603S HKQ0603U (0201)	0.6 ± 0.03 (0.024 ± 0.001)	0.3 ± 0.03 (0.012 ± 0.001)	0.3 ± 0.03 (0.012 ± 0.001)	0.1 ± 0.05 (0.004 ± 0.002)	15000	—
AQ 105 (0402)	1.0 ± 0.05 (0.039 ± 0.002)	0.6 ± 0.1 (0.024 ± 0.004)	0.5 ± 0.05 (0.020 ± 0.002)	0.175 ± 0.075 (0.007 ± 0.003)	10000	—

Unit : mm (inch)

► This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our product specification sheets. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our website (<http://www.ty-top.com/>).

PARTS NUMBER

HKQ0603S

Parts number	EHS	Nominal inductance [nH]	Inductance tolerance	Q (min.)	LQ Measuring frequency [MHz]	Q (Typical) frequency [Hz]					Self-resonant frequency [MHz] (min.)	Resistance DC [Ω] (max.)	Rated current [mA] (max.)	Thickness [mm]
						500M	800M	1.8G	2.0G	2.4G				
HKQ0603S0N6□-T	RoHS	0.6	$\pm 0.2nH, \pm 0.3nH$	13	500	>24	>31	>53	>56	>64	10000	0.06	600	0.30 ± 0.03
HKQ0603S0N7□-T	RoHS	0.7	$\pm 0.2nH, \pm 0.3nH$	13	500	>24	>31	>53	>56	>64	10000	0.07	550	0.30 ± 0.03
HKQ0603S0N8□-T	RoHS	0.8	$\pm 0.2nH, \pm 0.3nH$	13	500	>24	>31	>53	>56	>64	10000	0.07	550	0.30 ± 0.03
HKQ0603S0N9□-T	RoHS	0.9	$\pm 0.2nH, \pm 0.3nH$	13	500	>24	>31	>53	>56	>64	10000	0.08	520	0.30 ± 0.03
HKQ0603S1N0□-T	RoHS	1.0	$\pm 0.2nH, \pm 0.3nH$	13	500	24	31	53	56	64	10000	0.09	490	0.30 ± 0.03
HKQ0603S1N1□-T	RoHS	1.1	$\pm 0.2nH, \pm 0.3nH$	13	500	19	26	44	47	54	10000	0.12	420	0.30 ± 0.03
HKQ0603S1N2□-T	RoHS	1.2	$\pm 0.2nH, \pm 0.3nH$	13	500	19	25	42	44	51	10000	0.15	380	0.30 ± 0.03
HKQ0603S1N3□-T	RoHS	1.3	$\pm 0.2nH, \pm 0.3nH$	13	500	19	25	40	42	47	10000	0.19	330	0.30 ± 0.03
HKQ0603S1N4□-T	RoHS	1.4	$\pm 0.2nH, \pm 0.3nH$	13	500	19	24	39	41	47	10000	0.11	440	0.30 ± 0.03
HKQ0603S1N5□-T	RoHS	1.5	$\pm 0.2nH, \pm 0.3nH$	13	500	19	24	39	41	46	10000	0.12	420	0.30 ± 0.03
HKQ0603S1N6□-T	RoHS	1.6	$\pm 0.2nH, \pm 0.3nH$	13	500	19	24	39	41	46	10000	0.13	410	0.30 ± 0.03
HKQ0603S1N7□-T	RoHS	1.7	$\pm 0.2nH, \pm 0.3nH$	13	500	19	24	39	41	46	10000	0.15	380	0.30 ± 0.03
HKQ0603S1N8□-T	RoHS	1.8	$\pm 0.2nH, \pm 0.3nH$	13	500	18	24	39	41	46	10000	0.16	370	0.30 ± 0.03
HKQ0603S1N9□-T	RoHS	1.9	$\pm 0.2nH, \pm 0.3nH$	13	500	18	23	38	40	45	10000	0.20	330	0.30 ± 0.03
HKQ0603S2N0□-T	RoHS	2.0	$\pm 0.2nH, \pm 0.3nH$	13	500	17	23	37	39	44	10000	0.24	300	0.30 ± 0.03
HKQ0603S2N1□-T	RoHS	2.1	$\pm 0.2nH, \pm 0.3nH$	13	500	17	23	37	39	44	10000	0.26	290	0.30 ± 0.03
HKQ0603S2N2□-T	RoHS	2.2	$\pm 0.2nH, \pm 0.3nH$	13	500	17	23	37	39	43	10000	0.28	270	0.30 ± 0.03
HKQ0603S2N3□-T	RoHS	2.3	$\pm 0.2nH, \pm 0.3nH$	13	500	17	23	36	38	43	10000	0.30	270	0.30 ± 0.03
HKQ0603S2N4□-T	RoHS	2.4	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	36	38	42	10000	0.32	260	0.30 ± 0.03
HKQ0603S2N5□-T	RoHS	2.5	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	34	35	39	9500	0.20	330	0.30 ± 0.03
HKQ0603S2N6□-T	RoHS	2.6	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	9300	0.22	310	0.30 ± 0.03
HKQ0603S2N7□-T	RoHS	2.7	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	9100	0.24	300	0.30 ± 0.03
HKQ0603S2N8□-T	RoHS	2.8	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	8900	0.25	290	0.30 ± 0.03
HKQ0603S2N9□-T	RoHS	2.9	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	8700	0.28	270	0.30 ± 0.03
HKQ0603S3N0□-T	RoHS	3.0	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	8600	0.28	270	0.30 ± 0.03
HKQ0603S3N1□-T	RoHS	3.1	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	8400	0.29	270	0.30 ± 0.03
HKQ0603S3N2□-T	RoHS	3.2	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	8200	0.30	270	0.30 ± 0.03
HKQ0603S3N3□-T	RoHS	3.3	$\pm 0.2nH, \pm 0.3nH$	13	500	17	22	33	35	39	8100	0.32	260	0.30 ± 0.03
HKQ0603S3N4□-T	RoHS	3.4	$\pm 0.2nH, \pm 0.3nH$	13	500	16	22	33	35	39	8000	0.36	240	0.30 ± 0.03
HKQ0603S3N5□-T	RoHS	3.5	$\pm 0.2nH, \pm 0.3nH$	13	500	16	22	33	35	39	7800	0.40	230	0.30 ± 0.03
HKQ0603S3N6□-T	RoHS	3.6	$\pm 0.2nH, \pm 0.3nH$	13	500	16	22	33	35	39	7700	0.41	230	0.30 ± 0.03
HKQ0603S3N7□-T	RoHS	3.7	$\pm 0.2nH, \pm 0.3nH$	13	500	16	22	33	35	38	7600	0.44	220	0.30 ± 0.03
HKQ0603S3N8□-T	RoHS	3.8	$\pm 0.2nH, \pm 0.3nH$	13	500	16	22	33	35	38	7500	0.48	210	0.30 ± 0.03
HKQ0603S3N9□-T	RoHS	3.9	$\pm 0.2nH, \pm 0.3nH$	13	500	16	22	33	35	38	7300	0.48	210	0.30 ± 0.03
HKQ0603S4N3□-T	RoHS	4.3	$\pm 0.2nH, \pm 0.3nH$	13	500	16	21	32	34	37	6500	0.39	230	0.30 ± 0.03
HKQ0603S4N7□-T	RoHS	4.7	$\pm 0.2nH, \pm 0.3nH$	13	500	16	21	32	34	37	6200	0.44	220	0.30 ± 0.03
HKQ0603S5N1□-T	RoHS	5.1	$\pm 0.2nH, \pm 0.3nH$	13	500	16	21	32	34	37	5900	0.49	210	0.30 ± 0.03
HKQ0603S5N6□-T	RoHS	5.6	$\pm 0.2nH, \pm 0.3nH$	13	500	16	21	32	34	37	5500	0.47	210	0.30 ± 0.03
HKQ0603S6N2□-T	RoHS	6.2	$\pm 0.2nH, \pm 0.3nH$	13	500	16	21	32	33	36	5100	0.52	200	0.30 ± 0.03
HKQ0603S6N8□-T	RoHS	6.8	$\pm 3\%, \pm 5\%$	13	500	16	21	31	32	35	4800	0.55	190	0.30 ± 0.03
HKQ0603S7N5□-T	RoHS	7.5	$\pm 3\%, \pm 5\%$	13	500	16	20	30	32	34	4600	0.51	200	0.30 ± 0.03
HKQ0603S8N2□-T	RoHS	8.2	$\pm 3\%, \pm 5\%$	13	500	16	20	30	31	33	4300	0.57	190	0.30 ± 0.03
HKQ0603S9N1□-T	RoHS	9.1	$\pm 3\%, \pm 5\%$	13	500	16	20	30	30	32	4000	0.73	170	0.30 ± 0.03
HKQ0603S10N□-T	RoHS	10	$\pm 3\%, \pm 5\%$	13	500	16	20	28	29	31	3800	0.85	160	0.30 ± 0.03
HKQ0603S12N□-T	RoHS	12	$\pm 3\%, \pm 5\%$	12	500	16	20	27	27	27	3300	0.85	160	0.30 ± 0.03
HKQ0603S15N□-T	RoHS	15	$\pm 3\%, \pm 5\%$	12	500	15	19	24	24	23	2600	0.89	150	0.30 ± 0.03
HKQ0603S18N□-T	RoHS	18	$\pm 3\%, \pm 5\%$	11	500	15	19	23	23	21	2300	1.05	140	0.30 ± 0.03
HKQ0603S22N□-T	RoHS	22	$\pm 3\%, \pm 5\%$	10	500	15	19	22	22	19	1900	1.29	130	0.30 ± 0.03

※ □ mark indicates the Inductance tolerance code.

INDUCTORS

INDUCTORS FOR HIGH FREQUENCY APPLICATIONS

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PARTS NUMBER

HKQ0603U

Parts number	EHS	Nominal inductance [nH]	Inductance tolerance	Q (min.)	LQ Measuring frequency [MHz]	Q (Typical) frequency [Hz]					Self-resonant frequency [MHz] (min.)	Resistance DC [Ω] (max.)	Rated current [mA] (max.)	Thickness [mm]
						500M	800M	1.8G	2.0G	2.4G				
HKQ0603U0N6□-T	RoHS	0.6	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	>35	>47	>75	>80	>88	10000	0.06	900	0.30 ± 0.03
HKQ0603U0N7□-T	RoHS	0.7	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	>35	>47	>75	>80	>88	10000	0.06	900	0.30 ± 0.03
HKQ0603U0N8□-T	RoHS	0.8	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	>35	>47	>75	>80	>88	10000	0.06	900	0.30 ± 0.03
HKQ0603U0N9□-T	RoHS	0.9	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	>35	>47	>75	>80	>88	10000	0.06	900	0.30 ± 0.03
HKQ0603U1N0□-T	RoHS	1.0	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	>35	>47	>75	>80	>88	10000	0.07	850	0.30 ± 0.03
HKQ0603U1N1□-T	RoHS	1.1	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	>35	>47	>75	>80	>88	10000	0.07	850	0.30 ± 0.03
HKQ0603U1N2□-T	RoHS	1.2	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	35	47	75	80	88	10000	0.08	800	0.30 ± 0.03
HKQ0603U1N3□-T	RoHS	1.3	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	32	43	70	74	82	10000	0.09	760	0.30 ± 0.03
HKQ0603U1N4□-T	RoHS	1.4	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	29	39	63	67	75	10000	0.12	640	0.30 ± 0.03
HKQ0603U1N5□-T	RoHS	1.5	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	27	36	59	62	69	10000	0.15	600	0.30 ± 0.03
HKQ0603U1N6□-T	RoHS	1.6	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	25	33	54	57	63	10000	0.19	510	0.30 ± 0.03
HKQ0603U1N7□-T	RoHS	1.7	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	25	32	52	54	61	10000	0.11	680	0.30 ± 0.03
HKQ0603U1N8□-T	RoHS	1.8	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	25	32	51	53	59	10000	0.12	640	0.30 ± 0.03
HKQ0603U1N9□-T	RoHS	1.9	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	24	31	50	53	58	10000	0.13	620	0.30 ± 0.03
HKQ0603U2N0□-T	RoHS	2.0	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	24	31	50	53	58	10000	0.15	600	0.30 ± 0.03
HKQ0603U2N1□-T	RoHS	2.1	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	24	31	50	53	58	10000	0.16	550	0.30 ± 0.03
HKQ0603U2N2□-T	RoHS	2.2	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	24	31	50	53	58	10000	0.20	500	0.30 ± 0.03
HKQ0603U2N3□-T	RoHS	2.3	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	24	31	49	52	58	10000	0.24	460	0.30 ± 0.03
HKQ0603U2N4□-T	RoHS	2.4	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	22	28	45	48	53	10000	0.26	430	0.30 ± 0.03
HKQ0603U2N5□-T	RoHS	2.5	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	22	29	46	49	54	10000	0.28	415	0.30 ± 0.03
HKQ0603U2N6□-T	RoHS	2.6	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	21	27	44	46	51	10000	0.30	405	0.30 ± 0.03
HKQ0603U2N7□-T	RoHS	2.7	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	41	43	48	10000	0.32	400	0.30 ± 0.03
HKQ0603U2N8□-T	RoHS	2.8	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	41	43	47	9500	0.20	500	0.30 ± 0.03
HKQ0603U2N9□-T	RoHS	2.9	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	41	43	47	9300	0.22	480	0.30 ± 0.03
HKQ0603U3N0□-T	RoHS	3.0	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	41	43	47	9100	0.24	460	0.30 ± 0.03
HKQ0603U3N1□-T	RoHS	3.1	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	41	43	47	8900	0.25	450	0.30 ± 0.03
HKQ0603U3N2□-T	RoHS	3.2	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	40	43	47	8700	0.28	415	0.30 ± 0.03
HKQ0603U3N3□-T	RoHS	3.3	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	26	40	43	47	8600	0.28	415	0.30 ± 0.03
HKQ0603U3N4□-T	RoHS	3.4	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	25	40	43	47	8400	0.29	410	0.30 ± 0.03
HKQ0603U3N5□-T	RoHS	3.5	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	20	25	40	42	46	8200	0.30	405	0.30 ± 0.03
HKQ0603U3N6□-T	RoHS	3.6	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	19	25	40	42	46	8100	0.32	400	0.30 ± 0.03
HKQ0603U3N7□-T	RoHS	3.7	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	19	25	40	42	46	8000	0.36	370	0.30 ± 0.03
HKQ0603U3N8□-T	RoHS	3.8	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	19	25	39	41	45	7800	0.40	355	0.30 ± 0.03
HKQ0603U3N9□-T	RoHS	3.9	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	19	25	39	41	45	7700	0.41	350	0.30 ± 0.03
HKQ0603U4N0□-T	RoHS	4.0	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	18	25	39	41	45	7600	0.44	335	0.30 ± 0.03
HKQ0603U4N1□-T	RoHS	4.1	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	19	25	39	41	45	7500	0.48	320	0.30 ± 0.03
HKQ0603U4N2□-T	RoHS	4.2	$\pm 0.1nH, \pm 0.2nH, \pm 0.3nH$	14	500	18	24	37	39	43	7300	0.48	320	0.30 ± 0.03
HKQ0603U4N3□-T	RoHS	4.3	$\pm 0.2nH, \pm 0.3nH$	14	500	18	24	37	39	43	6500	0.48	320	0.30 ± 0.03
HKQ0603U4N6□-T	RoHS	4.6	$\pm 0.2nH, \pm 0.3nH$	14	500	18	24	37	39	42	6500	0.39	360	0.30 ± 0.03
HKQ0603U4N7□-T	RoHS	4.7	$\pm 0.2nH, \pm 0.3nH$	14	500	19	24	37	39	42	6400	0.42	350	0.30 ± 0.03
HKQ0603U5N0□-T	RoHS	5.0	$\pm 0.2nH, \pm 0.3nH$	14	500	19	24	37	39	42	6200	0.44	335	0.30 ± 0.03
HKQ0603U5N1□-T	RoHS	5.1	$\pm 0.2nH, \pm 0.3nH$	14	500	19	24	37	39	42	6100	0.45	330	0.30 ± 0.03
HKQ0603U5N4□-T	RoHS	5.4	$\pm 0.2nH, \pm 0.3nH$	14	500	18	24	36	38	42	5900	0.49	315	0.30 ± 0.03
HKQ0603U5N6□-T	RoHS	5.6	$\pm 0.2nH, \pm 0.3nH$	14	500	18	24	36	37	41	5500	0.47	325	0.30 ± 0.03
HKQ0603U5N9□-T	RoHS	5.9	$\pm 0.2nH, \pm 0.3nH$	14	500	18	23	35	36	39	5500	0.47	325	0.30 ± 0.03
HKQ0603U6N2□-T	RoHS	6.2	$\pm 0.2nH, \pm 0.3nH$	14	500	18	23	35	36	39	5100	0.52	305	0.30 ± 0.03
HKQ0603U6N5□-T	RoHS	6.5	$\pm 0.2nH, \pm 0.3nH$	14	500	18	23	35	36	39	5100	0.52	305	0.30 ± 0.03
HKQ0603U6N8□-T	RoHS	6.8	$\pm 3\%, \pm 5\%$	14	500	18	23	35	36	39	4800	0.55	305	0.30 ± 0.03
HKQ0603U7N1□-T	RoHS	7.1	$\pm 3\%, \pm 5\%$	14	500	18	23	35	36	39	4800	0.55	305	0.30 ± 0.03
HKQ0603U7N5□-T	RoHS	7.5	$\pm 3\%, \pm 5\%$	14	500	18	23	34	35	38	4600	0.55	305	0.30 ± 0.03
HKQ0603U7N8□-T	RoHS	7.8	$\pm 3\%, \pm 5\%$	14	500	17	22	33	34	36	4600	0.51	310	0.30 ± 0.03
HKQ0603U8N2□-T	RoHS	8.2	$\pm 3\%, \pm 5\%$	14	500	17	22	33	34	36	4300	0.57	290	0.30 ± 0.03
HKQ0603U8N5□-T	RoHS	8.5	$\pm 3\%, \pm 5\%$	14	500	17	22	33	34	36	4300	0.57	290	0.30 ± 0.03
HKQ0603U9N1□-T	RoHS	9.1	$\pm 3\%, \pm 5\%$	14	500	17	22	33	34	36	4000	0.65	270	0.30 ± 0.03
HKQ0603U9N4□-T	RoHS	9.4	$\pm 3\%, \pm 5\%$	14	500	17	22	33	34	36	4000	0.73	250	0.30 ± 0.03
HKQ0603U10N□-T	RoHS	10	$\pm 3\%, \pm 5\%$	14	500	17	22	33	34	36	3800	0.85	230	0.30 ± 0.03
HKQ0603U12N□-T	RoHS	12	$\pm 3\%, \pm 5\%$	14	500	17	22	31	32	33	3300	0.85	230	0.30 ± 0.03
HKQ0603U15N□-T	RoHS	15	$\pm 3\%, \pm 5\%$	14	500	17	21	28	29	29	2600	0.89	220	0.30 ± 0.03
HKQ0603U18N□-T	RoHS	18	$\pm 3\%, \pm 5\%$	14	500	16	21	26	26	25	2300	1.05	205	0.30 ± 0.03
HKQ0603U22N□-T	RoHS	22	$\pm 3\%, \pm 5\%$	14	500	16	21	26	26	24	1900	1.29	190	0.30 ± 0.03

※ □ mark indicates the Inductance tolerance code.

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■ PARTS NUMBER

● AQ 105

Parts number	EHS	Nominal inductance [nH]	Inductance tolerance ※)	Q (min.)	LQ Measuring frequency [MHz]	Q (Typical) frequency [MHz]					Self-resonant frequency [MHz]		Resistance DC [Ω]		Rated current [mA] (max.)		Thickness [mm]
						300	800	900	1500	1800	(min.)	(typ.)	(max.)	(typ.)	-55~+125°C	-55~+85°C	
AQ 105 1N0□-T	RoHS	1.0	±0.3nH	8	100	53	129	147	217	244	10000	> 13000	0.07	0.014	710	930	0.50 ±0.05
AQ 105 1N2□-T	RoHS	1.2	±0.3nH	8	100	45	97	110	156	177	10000	> 13000	0.07	0.016	710	930	0.50 ±0.05
AQ 105 1N5□-T	RoHS	1.5	±0.3nH	8	100	35	69	76	104	116	8000	> 13000	0.07	0.030	710	930	0.50 ±0.05
AQ 105 1N8□-T	RoHS	1.8	±0.3nH	8	100	32	61	66	92	100	6000	11000	0.07	0.035	710	930	0.50 ±0.05
AQ 105 2N0□-T	RoHS	2.0	±0.3nH	8	100	38	68	73	94	103	6000	10500	0.08	0.035	660	870	0.50 ±0.05
AQ 105 2N2□-T	RoHS	2.2	±0.3nH	8	100	37	67	71	92	101	6000	10000	0.08	0.040	660	870	0.50 ±0.05
AQ 105 2N4□-T	RoHS	2.4	±0.3nH	8	100	34	54	59	74	86	6000	9600	0.09	0.050	630	820	0.50 ±0.05
AQ 105 2N7□-T	RoHS	2.7	±0.3nH	8	100	30	49	52	67	73	6000	9200	0.09	0.060	630	820	0.50 ±0.05
AQ 105 3N0□-T	RoHS	3.0	±0.3nH	8	100	31	51	54	70	76	6000	8700	0.11	0.070	570	740	0.50 ±0.05
AQ 105 3N3□-T	RoHS	3.3	±0.3nH	8	100	32	54	57	72	79	6000	8300	0.12	0.075	540	710	0.50 ±0.05
AQ 105 3N6□-T	RoHS	3.6	±0.3nH	8	100	33	53	56	71	77	5000	7800	0.14	0.080	500	650	0.50 ±0.05
AQ 105 3N9□-T	RoHS	3.9	±0.3nH	8	100	34	53	56	70	76	4000	7300	0.15	0.085	490	630	0.50 ±0.05
AQ 105 4N3□-T	RoHS	4.3	±0.3nH	8	100	29	47	50	64	71	4000	6900	0.16	0.090	470	610	0.50 ±0.05
AQ 105 4N7□-T	RoHS	4.7	±0.3nH	8	100	30	48	51	65	72	4000	6400	0.17	0.095	450	590	0.50 ±0.05
AQ 105 5N1□-T	RoHS	5.1	±0.3nH	8	100	30	48	51	64	71	4000	6300	0.19	0.110	430	560	0.50 ±0.05
AQ 105 5N6□-T	RoHS	5.6	±0.3nH	8	100	30	48	51	65	71	4000	6200	0.20	0.120	420	550	0.50 ±0.05
AQ 105 6N2□-T	RoHS	6.2	±0.3nH	8	100	31	49	52	66	72	3900	6100	0.22	0.130	400	520	0.50 ±0.05
AQ 105 6N8□-T	RoHS	6.8	±5%	8	100	28	44	49	59	64	3900	6000	0.23	0.130	390	510	0.50 ±0.05
AQ 105 7N5□-T	RoHS	7.5	±5%	8	100	28	45	50	60	65	3700	5500	0.25	0.135	370	490	0.50 ±0.05
AQ 105 8N2□-T	RoHS	8.2	±5%	8	100	29	46	50	62	66	3600	5000	0.27	0.140	360	470	0.50 ±0.05
AQ 105 9N1□-T	RoHS	9.1	±5%	8	100	29	45	49	59	62	3400	4800	0.29	0.150	350	450	0.50 ±0.05
AQ 105 10N□-T	RoHS	10	±5%	8	100	28	45	48	57	60	3200	4500	0.31	0.165	330	440	0.50 ±0.05
AQ 105 12N□-T	RoHS	12	±5%	8	100	26	40	45	51	52	2700	4300	0.39	0.165	300	390	0.50 ±0.05
AQ 105 15N□-T	RoHS	15	±5%	8	100	25	38	42	49	51	2300	4100	0.45	0.190	280	360	0.50 ±0.05

※ □ mark indicates the Inductance tolerance code. Please refer for the inductance tolerance except the above.

INDUCTORS

INDUCTORS FOR HIGH FREQUENCY APPLICATIONS

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Multilayer chip inductors

Multilayer chip inductors for high frequency, Multilayer chip bead inductors

Multilayer common mode choke coils (MC series F type)

Metal Multilayer Chip Power Inductors (MCOIL™ MC series)

PACKAGING

① Minimum Quantity

● Tape & Reel Packaging

Type	Thickness mm (inch)	Standard Quantity [pcs]	
		Paper Tape	Embossed Tape
CK1608(0603)	0.8 (0.031)	4000	—
CK2125(0805)	0.85(0.033)	4000	—
	1.25(0.049)	—	2000
CKS2125(0805)	0.85(0.033)	4000	—
	1.25(0.049)	—	2000
CKP1608(0603)	0.8 (0.031)	4000	—
CKP2012(0805)	0.9 (0.035)	—	3000
CKP2016(0806)	0.9 (0.035)	—	3000
CKP2520(1008)	0.7 (0.028)	—	3000
	0.9 (0.035)	—	3000
	1.1 (0.043)	—	2000
LK1005(0402)	0.5 (0.020)	10000	—
LK1608(0603)	0.8 (0.031)	4000	—
LK2125(0805)	0.85(0.033)	4000	—
	1.25(0.049)	—	2000
HK0603(0201)	0.3 (0.012)	15000	—
HK1005(0402)	0.5 (0.020)	10000	—
HK1608(0603)	0.8 (0.031)	4000	—
HK2125(0805)	0.85(0.033)	—	4000
	1.0 (0.039)	—	3000
HKQ0603S(0201)	0.3 (0.012)	15000	—
HKQ0603U(0201)	0.3 (0.012)	15000	—
AQ105(0402)	0.5 (0.020)	10000	—
BK0603(0201)	0.3 (0.012)	15000	—
BK1005(0402)	0.5 (0.020)	10000	—
BKH0603(0201)	0.3 (0.012)	15000	—
BKH1005(0402)	0.5 (0.020)	10000	—
BK1608(0603)	0.8 (0.031)	4000	—
BK2125(0805)	0.85(0.033)	4000	—
	1.25(0.049)	—	2000
BK2010(0804)	0.45(0.018)	4000	—
BK3216(1206)	0.8 (0.031)	—	4000
BKP0603(0201)	0.3 (0.012)	15000	—
BKP1005(0402)	0.5 (0.020)	10000	—
BKP1608(0603)	0.8 (0.031)	4000	—
BKP2125(0805)	0.85(0.033)	4000	—
MCF0605(0202)	0.3 (0.012)	15000	—
MCF0806(0302)	0.4 (0.016)	—	10000
MCF1210(0504)	0.55(0.022)	—	5000
MCF2010(0804)	0.45(0.018)	—	4000
MCEE1005(0402)	0.55(0.022)	10000	—
MCEK1210(0504)	0.5 (0.020)	5000	—
MCFK1608(0603)	0.6 (0.024)	4000	—
MCFE1608(0603)	0.65(0.026)	4000	—
MCHK1608(0603)	0.8 (0.031)	4000	—
MCKK1608(0603)	1.0 (0.039)	—	3000
MCHK2012(0806)	0.8 (0.031)	4000	—
MCKK2012(0805)	1.0 (0.039)	—	3000

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② Taping material

● Card board carrier tape



CK	1608
CKP	1608
CK	2125
CKS	2125
LK	1005
LK	1608
LK	2125
HK	0603
HK	1005
HK	1608
HKQ	0603
AQ	105

BK	0603
BK	1005
BK	1608
BK	2125
BK	2010
BKP	0603
BKP	1005
BKP	1608
BKP	2125
BKH	0603
BKH	1005
MCF	0605
MC	1005
MC	1210
MC	1608
MC	2012



● Embossed Tape



CK	2125
CKS	2125
CKP	2012
CKP	2016
CKP	2520
LK	2125
HK	2125

BK	2125
BK	3216
MCF	0806
MCF	1210
MCF	2010
MC	1608
MC	2012



③ Taping Dimensions

● Paper tape (8mm wide)

Unit: mm (inch)



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