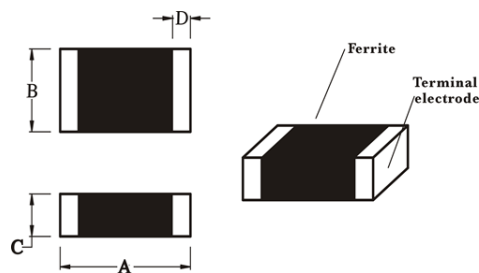


Multilayer Chip Inductors

JCI 1005 & 1608 series

DIMENSIONS



mm

No.	Part No.	A	B	C	D
1	JCI 1005 (0402)	1.0 ± 0.1	0.5 ± 0.1	0.50 ± 0.1	0.25 ± 0.1
2	JCI 1608 (0603) - 47N~100	1.6 ± 0.2	0.8 ± 0.2	0.80 ± 0.2	0.3 ± 0.2

SERIES LIST

No.	Part No.	Inductance (μ H)	Tolerance	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	JCI 1005-R22K	0.22	K	10	25	110	1.20	25
2	JCI 1005-1R0K	1.00	K	20	10	40	0.90	15
3	JCI 1005-1R8K	1.80	K	20	10	30	1.45	15
4	JCI 1005-2R2K	2.20	K	20	10	28	1.70	10
1	JCI 1608-47NM	0.047	M	10	50	260	0.30	50
2	JCI 1608-68NM	0.068	M	10	50	250	0.30	50
3	JCI 1608-R10□	0.10	K,M	15	25	240	0.50	50
4	JCI 1608-R12□	0.12	K,M	15	25	205	0.50	50
5	JCI 1608-R15□	0.15	K,M	15	25	180	0.60	50
6	JCI 1608-R18□	0.18	K,M	15	25	165	0.60	50
7	JCI 1608-R22□	0.22	K,M	15	25	150	0.80	50
8	JCI 1608-R27□	0.27	K,M	15	25	136	0.80	50
9	JCI 1608-R33□	0.33	K,M	15	25	125	0.85	35
10	JCI 1608-R39□	0.39	K,M	15	25	110	1.00	35
11	JCI 1608-R47□	0.47	K,M	15	25	105	1.35	35
12	JCI 1608-R56□	0.56	K,M	15	25	95	1.55	35
13	JCI 1608-R68□	0.68	K,M	15	25	90	1.70	35
14	JCI 1608-R82□	0.82	K,M	15	25	85	2.10	35
15	JCI 1608-1R0□	1.0	K,M	35	10	75	0.60	25
16	JCI 1608-1R2□	1.2	K,M	35	10	65	0.80	25
17	JCI 1608-1R5□	1.5	K,M	35	10	60	0.80	25
18	JCI 1608-1R8□	1.8	K,M	35	10	55	0.95	25
19	JCI 1608-2R2□	2.2	K,M	35	10	50	1.15	15
20	JCI 1608-2R7□	2.7	K,M	35	10	45	1.35	15
21	JCI 1608-3R3□	3.3	K,M	35	10	40	1.55	15
22	JCI 1608-3R9□	3.9	K,M	35	10	35	1.70	15
23	JCI 1608-4R7□	4.7	K,M	35	10	33	2.10	15
24	JCI 1608-5R6□	5.6	K,M	35	4	22	1.55	5
25	JCI 1608-6R8□	6.8	K,M	35	4	20	1.70	5
26	JCI 1608-8R2□	8.2	K,M	35	4	18	2.10	5
27	JCI 1608-100□	10.0	K,M	30	2	17	1.85	3

Tolerance : K = $\pm 10\%$; M = $\pm 20\%$

If you request other Specification, please contact JANTEK.



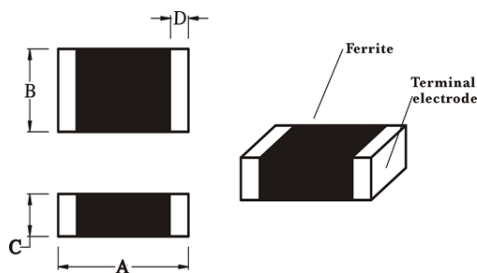
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Multilayer Chip Inductors

JCI 2012 series

DIMENSIONS



mm

No.	Part No.	A	B	C	D
1	JCI 2012 (0805) - 47N~2R2	2.0 ± 0.2	1.2 ± 0.2	0.85 ± 0.2	0.5 ± 0.3
2	JCI 2012 (0805) - 2R7~330	2.0 ± 0.2	1.2 ± 0.2	1.20 ± 0.2	0.5 ± 0.3

SERIES LIST

No.	Part No.	Inductance (μH)	Tolerance	Thickness mm	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	JCI 2012-47NM	0.047	M	0.90 ± 0.2	15	50	320	0.20	300
2	JCI 2012-68NM	0.068	M	0.90 ± 0.2	15	50	280	0.20	300
3	JCI 2012-82NM	0.082	M	0.90 ± 0.2	15	50	255	0.20	300
4	JCI 2012-R10□	0.100	K,M	0.90 ± 0.2	20	25	235	0.30	250
5	JCI 2012-R12□	0.120	K,M	0.90 ± 0.2	20	25	220	0.30	250
6	JCI 2012-R15□	0.150	K,M	0.90 ± 0.2	20	25	200	0.40	250
7	JCI 2012-R18□	0.180	K,M	0.90 ± 0.2	20	25	185	0.40	250
8	JCI 2012-R22□	0.220	K,M	0.90 ± 0.2	20	25	170	0.50	250
9	JCI 2012-R27□	0.270	K,M	0.90 ± 0.2	20	25	150	0.50	250
10	JCI 2012-R33□	0.330	K,M	0.90 ± 0.2	20	25	145	0.55	250
11	JCI 2012-R39□	0.390	K,M	0.90 ± 0.2	25	25	135	0.65	200
12	JCI 2012-R47□	0.470	K,M	0.90 ± 0.2	25	25	125	0.65	200
13	JCI 2012-R56□	0.560	K,M	0.90 ± 0.2	25	25	115	0.75	150
14	JCI 2012-R68□	0.680	K,M	0.90 ± 0.2	25	25	105	0.80	150
15	JCI 2012-R82□	0.820	K,M	0.90 ± 0.2	25	25	100	1.00	150
16	JCI 2012-1R0□	1.000	K,M	0.90 ± 0.2	45	10	75	0.40	50
17	JCI 2012-1R2□	1.200	K,M	0.90 ± 0.2	45	10	65	0.50	50
18	JCI 2012-1R5□	1.500	K,M	0.90 ± 0.2	45	10	60	0.50	50
19	JCI 2012-1R8□	1.800	K,M	0.90 ± 0.2	45	10	55	0.60	50
20	JCI 2012-2R2□	2.200	K,M	0.90 ± 0.2	45	10	50	0.65	30
21	JCI 2012-2R7□	2.700	K,M	1.20 ± 0.2	45	10	45	0.75	30
22	JCI 2012-3R3□	3.300	K,M	1.20 ± 0.2	45	10	41	0.80	30
23	JCI 2012-3R9□	3.900	K,M	1.20 ± 0.2	45	10	38	0.90	30
24	JCI 2012-4R7□	4.700	K,M	1.20 ± 0.2	45	10	35	1.00	30
25	JCI 2012-5R6□	5.600	K,M	1.20 ± 0.2	50	4	32	0.90	15
26	JCI 2012-6R8□	6.800	K,M	1.20 ± 0.2	50	4	29	1.00	15
27	JCI 2012-8R2□	8.200	K,M	1.20 ± 0.2	50	2	26	1.10	15
28	JCI 2012-100□	10.000	K,M	1.20 ± 0.2	50	2	24	1.15	15
29	JCI 2012-120□	12.000	K,M	1.20 ± 0.2	50	2	22	1.25	15
30	JCI 2012-150□	15.000	K,M	1.20 ± 0.2	30	1	19	0.80	5
31	JCI 2012-180□	18.000	K,M	1.25 ± 0.2	30	1	18	0.90	5
32	JCI 2012-220□	22.000	K,M	1.25 ± 0.2	30	1	16	1.10	5
33	JCI 2012-270□	27.000	K,M	1.25 ± 0.2	30	1	14	1.15	5
34	JCI 2012-330□	33.00	K,M	1.25 ± 0.2	30	0.4	13	1.25	5

Tolerance : K = ± 10% ; M = ± 20%

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