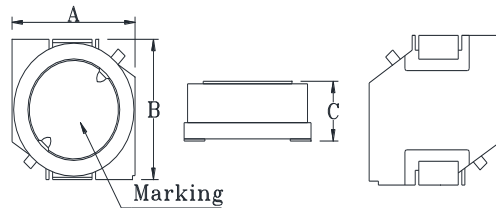


DIMENSIONS



mm

No.	Part No.	A	B	C
1	CPJB 0703	7.6 Max.	7.6 Max.	3.5 Max.
2	CPJB 0705	7.6 Max.	7.6 Max.	5.1 Max.

SERIES LIST

No.	Part No	Inductance (μ H)	Test Freq (KHz)	RDC(m Ω) MAX	IDC(A) Max.
1	CPJB 0703 – 1R0 □	1.0	100	0.019	3.12
2	CPJB 0703 – 1R5 □	1.5	100	0.023	2.85
3	CPJB 0703 – 2R2 □	2.2	100	0.028	2.66
4	CPJB 0703 – 3R3 □	3.3	100	0.035	2.26
5	CPJB 0703 – 4R7 □	4.7	100	0.043	1.96
6	CPJB 0703 – 6R8 □	6.8	100	0.055	1.76
7	CPJB 0703 – 100 □	10	100	0.080	1.34
8	CPJB 0703 – 120 □	12	100	0.090	1.23
9	CPJB 0703 – 150 □	15	100	0.120	1.09
10	CPJB 0703 – 180 □	18	100	0.130	0.99
11	CPJB 0703 – 220 □	22	100	0.150	0.90
12	CPJB 0703 – 270 □	27	100	0.210	0.81
13	CPJB 0703 – 330 □	33	100	0.250	0.72
14	CPJB 0703 – 390 □	39	100	0.310	0.67
15	CPJB 0703 – 470 □	47	100	0.350	0.60
16	CPJB 0703 – 560 □	56	100	0.430	0.55
17	CPJB 0703 – 680 □	68	100	0.520	0.50
18	CPJB 0703 – 820 □	82	100	0.600	0.46
19	CPJB 0703 – 101 □	100	100	0.792	0.41
1	CPJB 0705 – 1R0 □	1.0	100	0.020	2.80
2	CPJB 0705 – 1R5 □	1.5	100	0.024	2.59
3	CPJB 0705 – 2R2 □	2.2	100	0.028	2.38
4	CPJB 0705 – 3R3 □	3.3	100	0.034	2.14
5	CPJB 0705 – 4R7 □	4.7	100	0.039	1.96
6	CPJB 0705 – 6R8 □	6.8	100	0.050	1.79
7	CPJB 0705 – 100 □	10	100	0.055	1.63
8	CPJB 0705 – 120 □	12	100	0.073	1.42
9	CPJB 0705 – 150 □	15	100	0.081	1.33
10	CPJB 0705 – 180 □	18	100	0.102	1.15
11	CPJB 0705 – 220 □	22	100	0.115	1.09
12	CPJB 0705 – 270 □	27	100	0.159	0.91
13	CPJB 0705 – 330 □	33	100	0.182	0.84
14	CPJB 0705 – 390 □	39	100	0.199	0.80
15	CPJB 0705 – 470 □	47	100	0.221	0.75
16	CPJB 0705 – 560 □	56	100	0.306	0.64
17	CPJB 0705 – 680 □	68	100	0.345	0.60
18	CPJB 0705 – 820 □	82	100	0.390	0.57
19	CPJB 0705 – 101 □	100	100	0.432	0.50
20	CPJB 0705 – 121 □	120	100	0.440	0.47
21	CPJB 0705 – 151 □	150	100	0.730	0.40
22	CPJB 0705 – 181 □	180	100	0.780	0.39
23	CPJB 0705 – 221 □	220	100	0.940	0.33
24	CPJB 0705 – 271 □	270	100	1.250	0.31
25	CPJB 0705 – 331 □	330	100	1.400	0.27
26	CPJB 0705 – 471 □	470	100	1.700	0.25
27	CPJB 0705 – 561 □	560	100	2.390	0.22

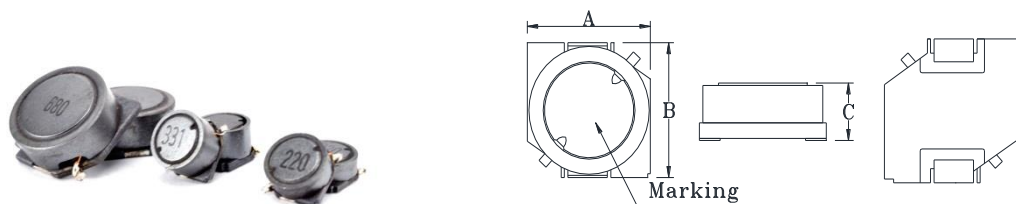
1.Tolerance: K = $\pm 10\%$; M = $\pm 20\%$, M is standard.

2.Inductance drop 25% no more than initial value at rate current, temperature rises $\Delta t < 40^\circ\text{C}$.

Shielded SMD Power Inductors

CPJB 10,12 series

DIMENSIONS



mm

No.	Part No.	A	B	C
1	CPJB 1003	10.5 Max.	10.5 Max.	3.5 Max.
2	CPJB 1206	12.5 ± 0.3	12.5 ± 0.3	5.5 ± 0.35
3	CPJB 1207	12.5 ± 0.3	12.5 ± 0.3	6.5 ± 0.35

SERIES LIST

No.	Part No	Inductance (μ H)	Test Freq (KHz)	RDC(m Ω) MAX	IDC(A) Max.
1	CPJB 1003 – 2R2 □	2.2	1	0.016	5.00
2	CPJB 1003 – 4R0 □	4.0	1	0.023	3.20
3	CPJB 1003 – 7R0 □	7.0	1	0.042	2.30
4	CPJB 1003 – 100 □	10	1	0.058	2.10
5	CPJB 1003 – 150 □	15	1	0.080	1.60
6	CPJB 1003 – 220 □	22	1	0.109	1.30
7	CPJB 1003 – 330 □	33	1	0.177	1.10
8	CPJB 1003 – 470 □	47	1	0.234	1.00
9	CPJB 1003 – 680 □	68	1	0.324	0.90
10	CPJB 1003 – 101 □	101	1	0.519	0.72
1	CPJB 1206 – 6R0 □	6.0	1	0.0197	4.90
2	CPJB 1206 – 100 □	10	1	0.0258	4.30
3	CPJB 1206 – 150 □	15	1	0.0311	3.90
4	CPJB 1206 – 220 □	22	1	0.0406	3.40
5	CPJB 1206 – 330 □	33	1	0.0498	3.10
6	CPJB 1206 – 470 □	47	1	0.0742	2.50
7	CPJB 1206 – 680 □	68	1	0.1006	2.20
8	CPJB 1206 – 101 □	101	1	0.1006	2.20
9	CPJB 1206 – 151 □	150	1	0.2280	1.40
10	CPJB 1206 – 221 □	220	1	0.3240	1.20
11	CPJB 1206 – 331 □	330	1	0.4920	1.00
12	CPJB 1206 – 471 □	470	1	0.6240	0.88
13	CPJB 1206 – 681 □	680	1	0.9120	0.73
14	CPJB 1206 – 102 □	1,000	1	1.3440	0.60
15	CPJB 1206 – 152 □	1,500	1	2.0760	0.48
1	CPJB 1207 – 2R0 □	2.0	1	0.0140	6.20
2	CPJB 1207 – 4R2 □	4.2	1	0.0180	5.50
3	CPJB 1207 – 7R0 □	7.0	1	0.0212	5.00
4	CPJB 1207 – 100 □	10	1	0.0242	4.80
5	CPJB 1207 – 150 □	15	1	0.0284	4.40
6	CPJB 1207 – 220 □	22	1	0.0379	3.80
7	CPJB 1207 – 330 □	33	1	0.0379	3.80
8	CPJB 1207 – 470 □	47	1	0.0694	2.80
9	CPJB 1207 – 680 □	68	1	0.0944	2.40
10	CPJB 1207 – 101 □	101	1	0.1480	1.90
11	CPJB 1207 – 221 □	220	1	0.3280	1.20

1.Tolerance: K = ± 10% ; M = ± 20% , M is standard.

2.Inductance drop 25% no more than initial value at rate current, temperature rises $\Delta t < 40^{\circ}\text{C}$.

CPJB all series

■ STANDARD PACKAGE QUANTITY (SPQ)

Type	CPJB 0703	CPJB 0705	CPJB 1003	CPJB 1206	CPJB 1207
Q'TY/Reel	1,000	1,000	1,000	500	500