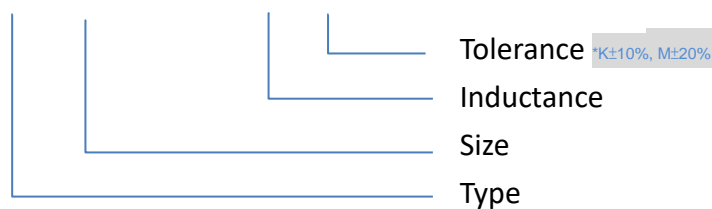


CPJEC series

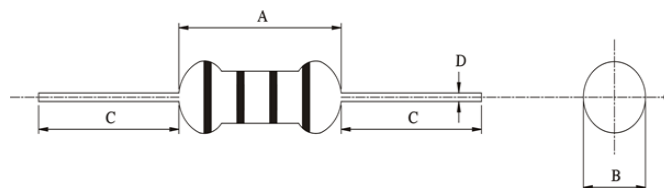
PRODUCT IDENTIFICATION

CPJEC 24 – 100 K



SPECIFICATIONS

No	Part No.	Dimensions (mm)				Inductance (μ H)	IDC (mA)
		A	B	C	D		
1	CPJEC 22 (0204)	5.0 Max.	2.8 Max.	30 ± 3.0	0.5 ± 0.05	0.1 ~ 300	26 ~ 700
2	CPJEC 24 (0307)	8.0 Max.	3.0 Max.	29.0 ± 3.0	0.5 ± 0.05	0.1 ~ 1,000	60 ~ 1,400
3	CPJEC 36 (0410)	10.0 Max.	4.0 Max.	28.0 ± 3.0	0.6 ± 0.05	0.1 ~ 1,000	85 ~ 1,700
4	CPJEC 46 (0510)	12.0 Max.	5.0 Max.	28.0 ± 3.0	0.6 ± 0.05	1,200 ~ 3,900	16 ~ 75



STANDARD PACKAGE QUANTITY (SPQ)

Type	CPJEC 22	CPJEC 24	CPJEC 36	CPJEC 46
Q'TY/Box	3,000	3,000	2,000	1,000

CPJEC 22 series

No.	Part No.	Inductance (μ H)	Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	CPJEC22-R10M-A	0.10	35	25.2	250	0.18	700
2	CPJEC22-R12M-A	0.12	35	25.2	230	0.20	660
3	CPJEC22-R15M-A	0.15	35	25.2	200	0.22	620
4	CPJEC22-R18M-A	0.18	35	25.2	180	0.24	600
5	CPJEC22-R22M-A	0.22	35	25.2	160	0.40	400
6	CPJEC22-R27M-A	0.27	35	25.2	150	0.43	380
7	CPJEC22-R33M-A	0.33	35	25.2	150	0.48	370
8	CPJEC22-R39M-A	0.39	35	25.2	150	0.51	350
9	CPJEC22-R47M-A	0.47	35	25.2	150	0.56	330
10	CPJEC22-R56M-A	0.56	35	25.2	150	0.61	320
11	CPJEC22-R68M-A	0.68	35	25.2	120	0.67	310
12	CPJEC22-R82M-A	0.82	35	25.2	110	0.74	290
13	CPJEC22-1R0M-A	1.00	35	25.2	110	0.80	270
14	CPJEC22-1R2M-A	1.20	40	7.96	100	0.90	260
15	CPJEC22-1R5M-A	1.50	40	7.96	70	1.00	250
16	CPJEC22-1R8M-A	1.80	40	7.96	60	1.10	240
17	CPJEC22-2R2M-A	2.20	40	7.96	45	1.20	230
18	CPJEC22-2R7M-A	2.70	40	7.96	40	1.30	220
19	CPJEC22-3R3K-A	3.30	40	7.96	38	1.40	210
20	CPJEC22-3R9K-A	3.90	40	7.96	36	1.50	200
21	CPJEC22-4R7K-A	4.70	40	7.96	32	1.70	190
22	CPJEC22-5R6K-A	5.60	40	7.96	30	1.90	180
23	CPJEC22-6R8K-A	6.80	40	7.96	27	2.00	175
24	CPJEC22-8R2K-A	8.20	40	7.96	26	2.25	165
25	CPJEC22-100K-A	10	40	7.96	24	2.50	160
26	CPJEC22-120K-A	12	40	2.52	19	2.50	150
27	CPJEC22-150K-A	15	40	2.52	18	2.80	145
28	CPJEC22-180K-A	18	40	2.52	17	3.10	140
29	CPJEC22-220K-A	22	40	2.52	16	3.40	130
30	CPJEC22-270K-A	27	40	2.52	14	4.30	80
31	CPJEC22-330K-A	33	40	2.52	13	4.70	76
32	CPJEC22-390K-A	39	40	2.52	12	5.20	74
33	CPJEC22-470K-A	47	40	2.52	11	5.80	70
34	CPJEC22-560K-A	56	40	2.52	10	6.40	68
35	CPJEC22-680K-A	68	40	2.52	9.5	7.20	64
36	CPJEC22-820K-A	82	40	2.52	9.0	11.00	46
37	CPJEC22-101K-A	100	40	2.52	7.2	12.00	44
38	CPJEC22-121K-A	120	30	0.796	6.5	19.00	42
39	CPJEC22-151K-A	150	30	0.796	6.0	22.00	39
40	CPJEC22-181K-A	180	30	0.796	5.2	24.00	37
41	CPJEC22-221K-A	220	30	0.796	4.5	28.00	35
42	CPJEC22-271K-A	270	30	0.796	3.5	29.00	28
43	CPJEC22-331K-A	300	30	0.796	3.0	30.00	26

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

Unshielded THT Power Inductors - Axial

CPJEC 24 series

No.	Part No.	Inductance (μ H)	Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	CPJEC24-R10K-A	0.10	40	25.2	470	0.06	1400
2	CPJEC24-R12K-A	0.12	40	25.2	450	0.06	1350
3	CPJEC24-R15K-A	0.15	40	25.2	420	0.07	1270
4	CPJEC24-R18K-A	0.18	40	25.2	400	0.07	1200
5	CPJEC24-R22K-A	0.22	40	25.2	380	0.08	1150
6	CPJEC24-R27K-A	0.27	40	25.2	360	0.08	1110
7	CPJEC24-R33K-A	0.33	40	25.2	350	0.09	1110
8	CPJEC24-R39K-A	0.39	40	25.2	320	0.10	1000
9	CPJEC24-R47K-A	0.47	40	25.2	300	0.11	1000
10	CPJEC24-R56K-A	0.56	40	25.2	280	0.12	950
11	CPJEC24-R68K-A	0.68	40	25.2	250	0.13	900
12	CPJEC24-R70K-A	0.70	40	25.2	230	0.14	900
13	CPJEC24-R82K-A	0.82	40	25.2	200	0.14	900
14	CPJEC24-R90K-A	0.90	40	25.2	190	0.15	850
15	CPJEC24-1R0K-A	1.00	40	25.2	180	0.15	815
16	CPJEC24-1R1K-A	1.10	40	7.96	170	0.17	780
17	CPJEC24-1R2K-A	1.20	40	7.96	165	0.18	740
18	CPJEC24-1R5K-A	1.50	40	7.96	150	0.20	700
19	CPJEC24-1R6K-A	1.60	40	7.96	130	0.22	680
20	CPJEC24-1R8K-A	1.80	50	7.96	125	0.23	655
21	CPJEC24-2R0K-A	2.00	50	7.96	115	0.24	640
22	CPJEC24-2R2K-A	2.20	50	7.96	110	0.25	630
23	CPJEC24-2R3K-A	2.30	50	7.96	105	0.26	620
24	CPJEC24-2R4K-A	2.40	50	7.96	100	0.27	610
25	CPJEC24-2R7K-A	2.70	50	7.96	95	0.28	595
26	CPJEC24-3R0K-A	3.00	50	7.96	90	0.29	580
27	CPJEC24-3R2K-A	3.20	50	7.96	85	0.29	570
28	CPJEC24-3R3K-A	3.30	50	7.96	70	0.30	575
29	CPJEC24-3R6K-A	3.60	50	7.96	65	0.31	560
30	CPJEC24-3R9K-A	3.90	50	7.96	65	0.32	555
31	CPJEC24-4R2K-A	4.20	50	7.96	60	0.33	540
32	CPJEC24-4R7K-A	4.70	50	7.96	50	0.35	530
33	CPJEC24-5R6K-A	5.60	50	7.96	40	0.40	500
34	CPJEC24-6R0K-A	6.00	50	7.96	35	0.43	490
35	CPJEC24-6R4K-A	6.40	50	7.96	33	0.44	480
36	CPJEC24-6R8K-A	6.80	50	7.96	30	0.45	470
37	CPJEC24-8R2K-A	8.20	50	7.96	28	0.56	425
38	CPJEC24-100K-A	10	50	7.96	20	0.75	370
39	CPJEC24-120K-A	12	50	2.52	20	0.80	350
40	CPJEC24-150K-A	15	50	2.52	16	0.93	335
41	CPJEC24-180K-A	18	50	2.52	15	1.00	315
42	CPJEC24-200K-A	20	50	2.52	14	1.10	300
43	CPJEC24-220K-A	22	50	2.52	13	1.20	285
44	CPJEC24-250K-A	25	50	2.52	12	1.50	280
45	CPJEC24-270K-A	27	50	2.52	11	1.80	270
46	CPJEC24-330K-A	33	50	2.52	10	2.10	255
47	CPJEC24-360K-A	36	50	2.52	9.7	2.20	250
48	CPJEC24-390K-A	39	50	2.52	9.5	2.30	240
49	CPJEC24-470K-A	47	50	2.52	8.5	2.60	200

Tolerance : J = \pm 5% ; K = \pm 10% ; M = \pm 20%

CPJEC 24 series

No.	Part No.	Inductance (μ H)	Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
50	CPJEC24-560K-A	56	50	2.52	7.5	2.90	195
51	CPJEC24-680K-A	68	50	2.52	6.5	3.30	185
52	CPJEC24-820K-A	82	50	2.52	6.0	3.80	175
53	CPJEC24-101K-A	100	50	2.52	5.5	4.20	165
54	CPJEC24-121K-A	120	60	0.796	5.4	4.70	160
55	CPJEC24-151K-A	150	60	0.796	4.7	5.40	150
56	CPJEC24-161K-A	160	60	0.796	4.5	5.70	145
57	CPJEC24-181K-A	180	60	0.796	4.3	6.00	140
58	CPJEC24-221K-A	220	60	0.796	4.0	7.00	130
59	CPJEC24-271K-A	270	60	0.796	3.7	7.70	120
60	CPJEC24-331K-A	330	60	0.796	3.4	11.10	100
61	CPJEC24-391K-A	390	60	0.796	2.8	12.60	95
62	CPJEC24-471K-A	470	60	0.796	2.5	14.00	90
63	CPJEC24-561K-A	560	60	0.796	2.3	15.50	85
64	CPJEC24-621K-A	620	60	0.796	2.1	23.00	80
65	CPJEC24-681K-A	680	60	0.796	2.0	25.30	75
66	CPJEC24-821K-A	820	60	0.796	1.5	27.50	65
67	CPJEC24-102K-A	1000	50	0.796	1.2	31.40	60

Tolerance : J = \pm 5% ; K = \pm 10% ; M = \pm 20%

Unshielded THT Power Inductors - Axial

CPJEC 36 series

No.	Part No.	Inductance (μ H)	Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	CPJEC36-R10K-A	0.10	25	25.2	470	0.06	1700
2	CPJEC36-R12K-A	0.12	25	25.2	450	0.06	1640
3	CPJEC36-R15K-A	0.15	25	25.2	420	0.07	1560
4	CPJEC36-R18K-A	0.18	25	25.2	400	0.07	1480
5	CPJEC36-R22K-A	0.22	25	25.2	380	0.08	1400
6	CPJEC36-R27K-A	0.27	25	25.2	340	0.09	1320
7	CPJEC36-R33K-A	0.33	25	25.2	300	0.10	1280
8	CPJEC36-R39K-A	0.39	25	25.2	280	0.12	1200
9	CPJEC36-R47K-A	0.47	25	25.2	250	0.13	1150
10	CPJEC36-R56K-A	0.56	25	25.2	230	0.14	1100
11	CPJEC36-R68K-A	0.68	25	25.2	210	0.15	1030
12	CPJEC36-R70K-A	0.70	25	25.2	190	0.16	1000
13	CPJEC36-R82K-A	0.82	45	25.2	172	0.16	980
14	CPJEC36-R85K-A	0.85	45	25.2	160	0.17	950
15	CPJEC36-1R0K-A	1.00	45	25.2	120	0.17	920
16	CPJEC36-1R2K-A	1.20	50	7.96	144	0.18	880
17	CPJEC36-1R5K-A	1.50	50	7.96	131	0.20	930
18	CPJEC36-1R6K-A	1.60	50	7.96	125	0.21	810
19	CPJEC36-1R8K-A	1.80	55	7.96	121	0.22	790
20	CPJEC36-1R9K-A	1.90	55	7.96	120	0.22	780
21	CPJEC36-2R0K-A	2.00	55	7.96	115	0.22	770
22	CPJEC36-2R2K-A	2.20	55	7.96	110	0.24	750
23	CPJEC36-2R4K-A	2.40	55	7.96	105	0.25	730
24	CPJEC36-2R7K-A	2.70	60	7.96	100	0.25	720
25	CPJEC36-3R0K-A	3.00	60	7.96	97	0.27	690
26	CPJEC36-3R3K-A	3.30	65	7.96	94	0.30	670
27	CPJEC36-3R9K-A	3.90	65	7.96	86	0.35	640
28	CPJEC36-4R2K-A	4.20	65	7.96	83	0.38	620
29	CPJEC36-4R7K-A	4.70	70	7.96	80	0.40	620
30	CPJEC36-5R6K-A	5.60	70	7.96	74	0.45	590
31	CPJEC36-6R4K-A	6.40	70	7.96	70	0.48	570
32	CPJEC36-6R8K-A	6.80	75	7.96	68	0.50	550
33	CPJEC36-8R2K-A	8.20	80	7.96	53	0.60	530
34	CPJEC36-100K-A	10	80	7.96	40	0.65	500
35	CPJEC36-120K-A	12	75	2.52	34	0.70	480
36	CPJEC36-150K-A	15	70	2.52	20	0.75	460
37	CPJEC36-180K-A	18	65	2.52	14	0.80	430
38	CPJEC36-220K-A	22	50	2.52	9.9	0.90	410
39	CPJEC36-270K-A	27	55	2.52	7.6	1.00	390
40	CPJEC36-330K-A	33	55	2.52	6.3	1.10	370
41	CPJEC36-390K-A	39	50	2.52	6.3	1.20	350
42	CPJEC36-470K-A	47	45	2.52	6.3	1.30	340
43	CPJEC36-560K-A	56	40	2.52	6.2	1.50	320
44	CPJEC36-680K-A	68	40	2.52	5.7	1.80	305
45	CPJEC36-820K-A	82	35	2.52	5.3	2.00	290
46	CPJEC36-101K-A	100	30	2.52	4.8	2.50	275
47	CPJEC36-121K-A	120	70	0.796	3.8	3.00	185
48	CPJEC36-151K-A	150	70	0.796	3.5	4.20	175
49	CPJEC36-181K-A	180	70	0.796	3.3	4.60	165

Tolerance : J = \pm 5% ; K = \pm 10% ; M = \pm 20%

CPJEC 36 series

No.	Part No.	Inductance (μ H)	Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
50	CPJEC36-201K-A	200	70	0.796	3.1	4.90	160
51	CPJEC36-221K-A	220	70	0.796	3.0	5.10	155
52	CPJEC36-271K-A	270	65	0.796	2.8	6.00	145
53	CPJEC36-331K-A	330	65	0.796	2.6	6.50	137
54	CPJEC36-391K-A	390	65	0.796	2.4	7.50	133
55	CPJEC36-471K-A	470	60	0.796	2.2	8.50	126
56	CPJEC36-561K-A	560	60	0.796	2.1	9.50	120
57	CPJEC36-621K-A	620	55	0.796	2.0	11.00	117
58	CPJEC36-681K-A	680	55	0.796	1.9	12.00	113
59	CPJEC36-821K-A	820	55	0.796	1.8	14.00	105
60	CPJEC36-102K-A	1000	45	0.252	1.4	20.00	85
61	CPJEC36-122K-A	1200	55	0.252	1.2	22.00	70
62	CPJEC36-152K-A	1500	55	0.252	1.0	25.00	60
63	CPJEC36-202K-A	2000	55	0.252	0.8	30.00	50
64	CPJEC36-222K-A	2200	55	0.252	0.7	35.00	45
65	CPJEC36-272K-A	2700	55	0.252	0.6	36.00	40
66	CPJEC36-332K-A	3300	55	0.252	0.5	40.00	35

Tolerance : J = \pm 5% ; K = \pm 10% ; M = \pm 20%

CPJEC 46 series

No.	Part No.	Inductance (μ H)	Q Min.	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	CPJEC46-100K-A	10	1	10	7.96	0.10	630
2	CPJEC46-120K-A	12	1	25	2.52	0.15	610
3	CPJEC46-220K-A	22	1	30	2.52	0.20	540
4	CPJEC46-300K-A	30	1	25	2.52	0.30	490
5	CPJEC46-360K-A	36	1	25	2.52	0.40	460
6	CPJEC46-430K-A	43	1	25	2.52	0.50	450
7	CPJEC46-101K-A	100	1	45	0.796	0.90	280
8	CPJEC46-221K-A	220	1	30	0.796	1.80	180
9	CPJEC46-112K-A	1100	1	70	0.252	8.0	82
10	CPJEC46-122K-A	1200	1	75	0.252	9.0	75
11	CPJEC46-182K-A	1800	1	80	0.252	11.0	60
12	CPJEC46-272K-A	2700	1	75	0.252	18.0	52
13	CPJEC46-302K-A	3000	1	75	0.252	20.0	50
14	CPJEC46-312K-A	3100	1	75	0.252	21.0	49
15	CPJEC46-332K-A	3300	1	70	0.252	22.0	48
16	CPJEC46-392K-A	3900	1	60	0.252	26.0	45
17	CPJEC46-472K-A	4700	1	60	0.252	30.0	40
18	CPJEC46-562K-A	5600	1	50	0.252	34.0	37
19	CPJEC46-682K-A	6800	1	50	0.252	45.0	34
20	CPJEC46-822K-A	8200	1	50	0.252	60.0	31
21	CPJEC46-103K-A	10000	1	45	0.0796	70.0	28
22	CPJEC46-123K-A	12000	1	45	0.0796	82.0	24
23	CPJEC46-153K-A	15000	1	40	0.0796	89.0	22
24	CPJEC46-163K-A	16000	1	40	0.0796	100.0	18
25	CPJEC46-183K-A	18000	1	40	0.0796	140.0	14
26	CPJEC46-203K-A	20000	1	40	0.0796	155.0	13
27	CPJEC46-223K-A	22000	1	40	0.0796	170.0	12
28	CPJEC46-253K-A	25000	1	40	0.0796	185.0	11
29	CPJEC46-273K-A	27000	1	35	0.0796	210.0	9.5
30	CPJEC46-303K-A	30000	1	40	0.0796	240.0	8.5
31	CPJEC46-333K-A	33000	1	10	0.0796	250.0	8.0
32	CPJEC46-393K-A	39000	1	40	0.0796	300.0	7.5
33	CPJEC46-403K-A	40000	1	40	0.0796	350.0	7.0
34	CPJEC46-473K-A	47000	1	35	0.0796	380.0	6.5
35	CPJEC46-683K-A	68000	1	35	0.0796	400.0	6.0

Tolerance : J = \pm 5% ; K = \pm 10% ; M = \pm 20%