

PRODUCT IDENTIFICATION

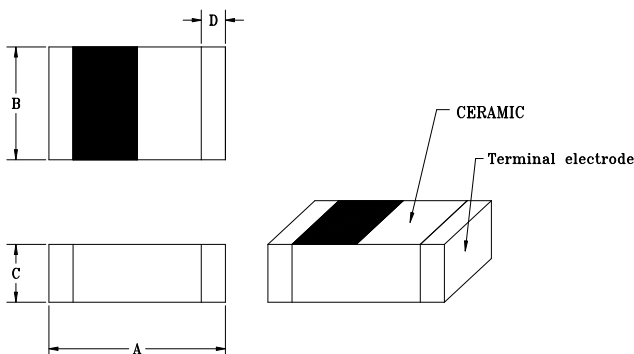
JCI	0603	C	—	1N0	
Type	Size	Ceramic		Inductance	Tolerance

FEATURES

- ◆ For miscellaneous high-frequency circuits
- ◆ EMI countermeasure in high-frequency circuits
- ◆ High SRF up to 6GHz and above

APPLICATIONS

- ◆ Mobile phone
- ◆ Personal computer and peripherals
- ◆ Cordless phone

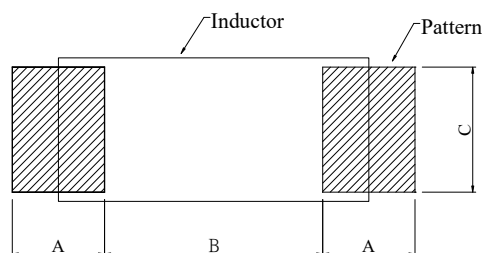


DIMENSIONS (mm)

Part No.	Size (mm)			
	A	B	C	D
JCI 0603C (0201)	0.6 ± 0.03	0.3 ± 0.03	0.3 ± 0.03	0.1 Min.

RECOMMENDED PATTERN

Type	A	B	C
JCI 0603C (0201)	0.30	0.35	0.30



PACKAGE

Size	JCI 0603C
Q'TY/Reel	15,000

No.	Part No.	Inductance (nH) at 100MHz	Tolerance	Q Min. 100 (MHz)	SRF Min. (GHz)	RDC Max. (Ω)	IDC Max. (mA)
1	JCI 0603C-1N0□	1.0	S,B,E	4	10.0	0.14	470
2	JCI 0603C-1N2□	1.2	S,B,E	4	10.0	0.14	450
3	JCI 0603C-1N5□	1.5	S,B,E	4	10.0	0.18	430
4	JCI 0603C-1N8□	1.8	S,B,E	4	10.0	0.19	390
5	JCI 0603C-2N0□	2.0	S,B,E	4	8.8	0.20	380
6	JCI 0603C-2N1□	2.1	S,B,E	4	8.8	0.20	380
7	JCI 0603C-2N2□	2.2	S,B,E	4	8.8	0.22	360
8	JCI 0603C-2N4□	2.4	S,B,E	4	8.3	0.24	350
9	JCI 0603C-2N7□	2.7	S,B,E	4	7.7	0.25	340
10	JCI 0603C-3N0□	3.0	S,B,E	4	7.2	0.28	330
11	JCI 0603C-3N3□	3.3	S,B,E	4	6.7	0.30	320
12	JCI 0603C-3N6□	3.6	S,B,E	4	6.4	0.30	310
13	JCI 0603C-3N9□	3.9	S,B,E	4	6.0	0.36	300
14	JCI 0603C-4N3□	4.3	S,B,E	4	5.7	0.40	280
15	JCI 0603C-4N7□	4.7	S,B,E	4	5.3	0.40	280
16	JCI 0603C-5N1□	5.1	S,B,E	4	5.0	0.40	270
17	JCI 0603C-5N6□	5.6	S,B,E	4	4.6	0.40	260
18	JCI 0603C-6N2□	6.2	S,B,E	4	4.2	0.44	250
19	JCI 0603C-6N8□	6.8	J,H	4	3.9	0.50	250
20	JCI 0603C-7N5□	7.5	J,H	4	3.6	0.53	240
21	JCI 0603C-8N2□	8.2	J,H	4	3.4	0.55	230
22	JCI 0603C-9N1□	9.1	J,H	4	3.2	0.62	220
23	JCI 0603C-10N□	10	J,H	4	2.9	0.65	220
24	JCI 0603C-12N□	12	J,H	4	2.7	0.70	190
25	JCI 0603C-15N□	15	J,H	4	2.2	0.80	180
26	JCI 0603C-18N□	18	J,H	4	2.1	0.90	170
27	JCI 0603C-22N□	22	J,H	4	1.8	1.20	150
28	JCI 0603C-27N□	27	J,H	4	1.8	1.80	120

□ : Tolerance : E = $\pm 0.1\text{nH}$; B = $\pm 0.2\text{nH}$; S = $\pm 0.3\text{nH}$; G = $\pm 2\%$; H = $\pm 3\%$; J = $\pm 5\%$; K = $\pm 10\%$