High-Freq Wound Chip CIC Series

■ Features:

- Excellent Q factor and SRF characteristics
- Supports operating frequency bands up to 10GHz
- Monolithic structure for high reliability
- Cost Effective

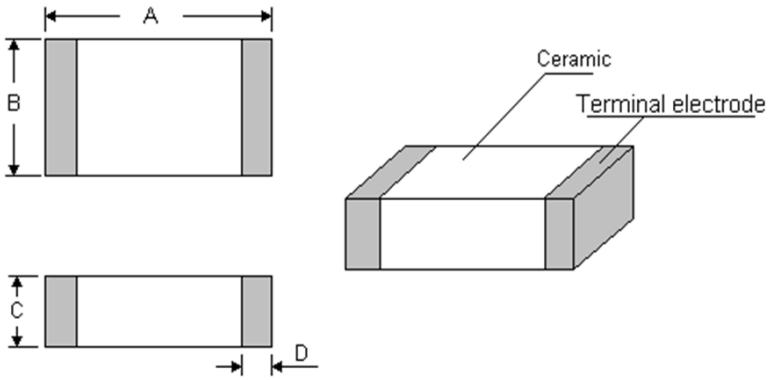
■ Applications:

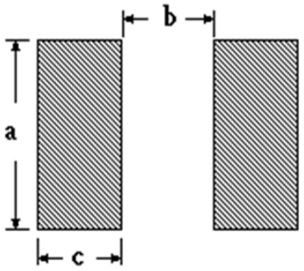
- RF resonance and impedance Matching Circuit
- RF and wireless communication
- Information technology equipments, computers, telecommunications, radar detectors, automotive electronics, cellular phones, pagers, PDA, keyless remote systems

■ Parts code:

CIC 0603	—	10N	—	J
Type		Inductance code		Tolerance

■ Recommended Land Pattern:





Dimensions in mm

TYPE	A	B	C	D	a	b	c
CIC 0402 (1005)	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.1	0.5	0.45	0.5
CIC 0603 (1608)	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	0.7	0.7	0.7
CIC 0805 (2012)	2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3	1.0	0.8	1.0

■ Package:

TYPE	CIC 0402	CIC 0603	CIC 0805
Q'TY / Reel	10000	4000	4000

■ **Operating temperature: -55°C to + 125°C**
Storage temperature: -55°C to + 125°C

TEL:886-2-8675-5519 http:www.flic.com.tw
FAX:886-2-8675-5299 email: sale@flic.com.tw

FLIC Technology Co.,Ltd.

Flic High-Freq Wound Chip CIC 0402

■ Specifications

Inductance			CIC 0402 (1005)				
			Q	Test Frequency	SRF	DC Resistance	Rated Current
Code	nH	Tolertance	(Min)	L , Q (MHz)	(GHz) Min	(Ω) Max	(mA) Max
1N0	1.0	S	8	100	10	0.08	300
1N2	1.2	S	8	100	10	0.09	300
1N5	1.5	S		100	6.0	0.10	300
1N8	1.8	S	8	100	6.0	0.12	300
2N0	2.0	S	8	100	6.0	0.12	300
2N2	2.2	S	8	100	6.0	0.13	300
2N4	2.4	S	8	100	6.0	0.13	300
2N7	2.7	S	8	100	6.0	0.13	300
3N0	3.0	S	8	100	6.0	0.16	300
3N3	3.3	S	8	100	6.0	0.16	300
3N6	3.6	S	8	100	5.0	0.20	300
3N9	3.9	S	8	100	4.0	0.21	300
4N3	4.3	S	8	100	4.0	0.21	300
4N7	4.7	S	8	100	4.0	0.21	300
5N1	5.1	S	8	100	4.0	0.21	300
5N6	5.6	S	8	100	4.0	0.23	300
6N2	6.2	S	8	100	3.9	0.25	300
6N8	6.8	J	8	100	3.9	0.25	300
7N5	7.5	J	8	100	3.7	0.25	300
8N2	8.2	J	8	100	3.6	0.28	300
9N1	9.1	J	8	100	3.4	0.30	300
10N	10	J	8	100	3.2	0.31	300
12N	12	J	8	100	2.7	0.40	300
15N	15	J	8	100	2.3	0.46	300
18N	18	J	8	100	2.1	0.55	300
22N	22	J	8	100	1.9	0.60	300
27N	27	J	8	100	1.6	0.70	300
33N	33	J	8	100	1.3	0.80	200
39N	39	J	8	100	1.2	0.90	200
47N	47	J	8	100	1.0	1.00	200
56N	56	J	8	100	0.75	1.00	200
68N	68	J	8	100	0.75	1.20	180
82N	82	J	8	100	0.60	1.30	150
R10	100	J	8	100	0.60	1.50	150
R12	120.0	J	8	100	0.60	1.60	150

※ **Test Equipment: HP4291 Impedance Analyzer**

■ **Notes: Tolerance: S(± 0.3nH), J(± 5%)**

■ **Operating temperature: -55°C to + 125°C**

Storage temperature: -55°C to + 125°C

TEL:886-2-8675-5519 http:www.flic.com.tw
FAX:886-2-8675-5299 email: sale@flic.com.tw

FLIC Technology Co.,Ltd.