

PRODUCT IDENTIFICATION

JW I 0603 - 7N5
 | | | |
 Type Size Inductance Tolerance

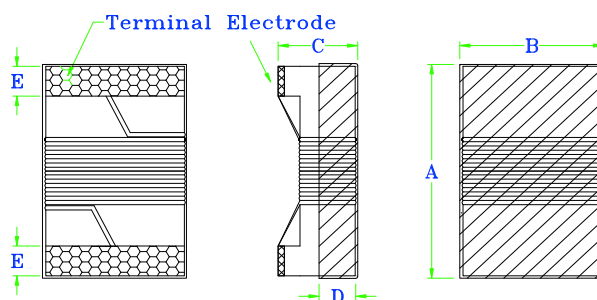
C: Ceramic

FEATURES

- ◆ JW I1008C/F inductance is from 3.3nH to 47uH
- ◆ High reliability and easy surface mount assembly
- ◆ Consisting of size 0402~1210 sizes
- ◆ High quality factor

APPLICATIONS

- ◆ Computer products, mother board, TV card
- ◆ Power supplier, OA products, modem....
- ◆ Telecommunication (ADSL, mobilephone, bluetooth)
- ◆ Compliance with CE, FCC, VDE or VCCI radiated emissions



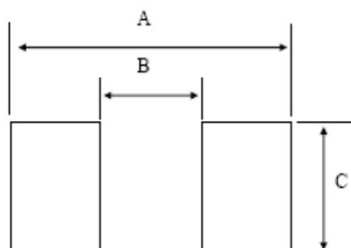
DIMENSIONS (mm)

Part No.	Size (mm)				
	A	B	C	D	E
JW I 0603C	1.6 ± 0.20	1.05 ± 0.20	1.05 ± 0.20	0.5 Ref.	0.35 ± 0.10

RECOMMENDED PATTERN (mm)

Part No.	A	B	C
JW I 0603C	1.90	0.65	1.00

Recommended Pattern



PACKAGE

Type	JW I 0603C
Q'TY/Reel	3,000



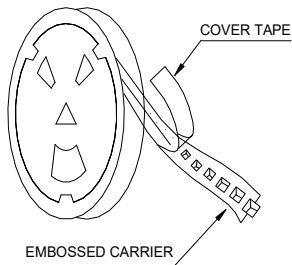
High-Frequency Wound Chip Inductor-JWI 0603C

No.	Part No.	Inductance (nH)	Q Min.	Typical 900MHz	Test Fq. (MHz)	SRF Min.(GHz)	RDC Max.(Ω)	IDC Max.(mA)
1	JWI 0603C-1N6S	1.6	24	40	250	12.50	0.030	700
2	JWI 0603C-1N8S	1.8	16	35	250	12.50	0.045	700
3	JWI 0603C-2N0S	2.0	16	31	250	6.90	0.080	700
4	JWI 0603C-3N9S	3.9	22	51	250	6.90	0.080	700
5	JWI 0603C-4N3S	4.3	22	45	250	5.90	0.080	700
6	JWI 0603C-4N7S	4.7	20	47	250	5.80	0.130	700
7	JWI 0603C-5N1□	5.1	20	47	250	5.70	0.140	700
8	JWI 0603C-5N6□	5.6	16	40	250	5.50	0.150	700
9	JWI 0603C-6N8□	6.8	30	63	250	5.80	0.110	700
10	JWI 0603C-7N5□	7.5	28	64	250	4.80	0.106	700
11	JWI 0603C-8N2□	8.2	30	72	250	4.60	0.100	700
12	JWI 0603C-8N7□	8.7	28	66	250	4.60	0.109	700
13	JWI 0603C-9N1□	9.1	28	60	250	4.00	0.135	700
14	JWI 0603C-9N5□	9.5	28	62	250	4.50	0.135	700
15	JWI 0603C-10N□	10	30	66	250	3.80	0.130	700
16	JWI 0603C-11N□	11	33	68	250	4.00	0.090	700
17	JWI 0603C-12N□	12	35	72	250	4.00	0.130	700
18	JWI 0603C-13N□	13	38	75	250	4.00	0.106	700
19	JWI 0603C-15N□	15	35	68	250	4.00	0.170	700
20	JWI 0603C-16N□	16	34	66	250	3.30	0.170	700
21	JWI 0603C-18N□	18	38	77	250	3.10	0.170	700
22	JWI 0603C-20N□	20	38	72	250	3.00	0.220	700
23	JWI 0603C-22N□	22	38	70	250	3.00	0.220	700
24	JWI 0603C-24N□	24	37	75	250	2.65	0.135	700
25	JWI 0603C-27N□	27	40	75	250	2.80	0.220	600
26	JWI 0603C-30N□	30	45	57	250	2.30	0.220	600
27	JWI 0603C-33N□	33	43	78	250	2.30	0.220	600
28	JWI 0603C-36N□	36	43	70	250	2.20	0.250	600
29	JWI 0603C-39N□	39	43	66	250	2.20	0.250	600
30	JWI 0603C-43N□	43	38	62	250	2.00	0.280	600
31	JWI 0603C-47N□	47	40	65	200	2.00	0.280	600
32	JWI 0603C-51N□	51	40	66	200	1.90	0.310	600
33	JWI 0603C-56N□	56	40	66	200	1.90	0.310	600
34	JWI 0603C-62N□	62	40	60	200	1.70	0.340	600
35	JWI 0603C-68N□	68	40	57	200	1.70	0.340	600
36	JWI 0603C-72N□	72	35	60	150	1.70	0.490	400
37	JWI 0603C-82N□	82	35	58	150	1.70	0.540	400
38	JWI 0603C-90N□	90	35	52	150	1.70	0.540	400
39	JWI 0603C-R10□	100	35	51	150	1.40	0.630	400
40	JWI 0603C-R11□	110	35	22	150	1.40	0.630	400
41	JWI 0603C-R12□	120	35	45	150	1.30	0.650	300
42	JWI 0603C-R13□	130	35	40	150	1.00	0.920	280
43	JWI 0603C-R15□	150	35	33	150	1.00	0.920	280
44	JWI 0603C-R18□	180	30	26	100	1.00	1.250	240
45	JWI 0603C-R20□	200	30	23	100	1.00	1.250	240
46	JWI 0603C-R21□	210	27	23	100	1.00	1.700	200
47	JWI 0603C-R22□	220	30	23	100	1.00	1.700	200
48	JWI 0603C-R24□	240	30	15	100	1.00	1.700	200
49	JWI 0603C-R27□	270	30	10	100	1.00	1.800	170
50	JWI 0603C-R33□	330	25	-	100	0.45	2.000	150
51	JWI 0603C-R39□	390	20	-	100	0.35	2.000	170

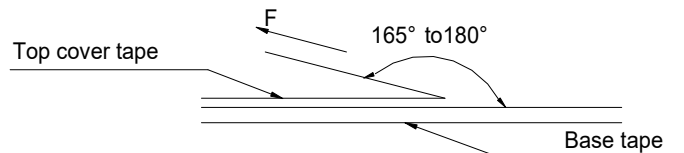
□ : Tolerance : S = $\pm 0.3\text{nH}$; G = $\pm 2\%$; J = $\pm 5\%$; K = $\pm 10\%$

Packaging Information

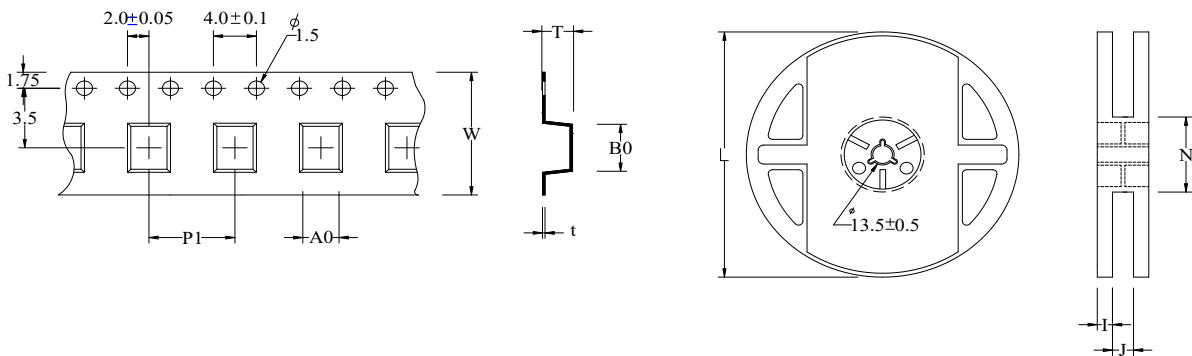
• Tearing Off Force



Top Tape Strength
The top tape requires a peel-off force of 0.2N to 0.7N in the direction of the arrow as illustrated below.

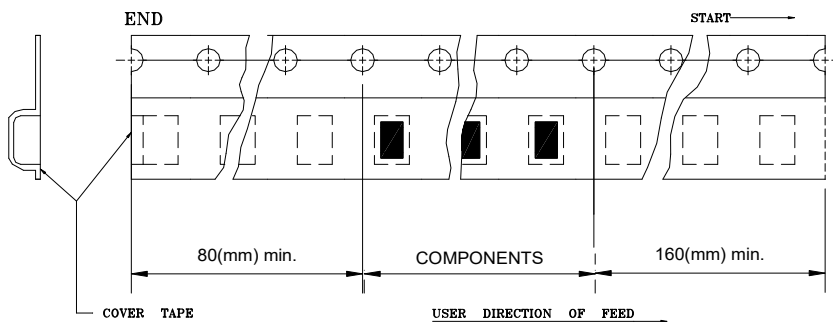


• Tape Dimension & Reel Dimension



TYPE	A0	B0	P1	W	T	t	L	N	I	J
0603C	1.40 ±0.10	1.90 ±0.10	4.00 ±0.10	8.00 ±0.20	1.15 ±0.05	0.20 ±0.05	178 ±2.00	60 ±2.00	2 ±0.50	8.4 ±0.50

• Packaging Quantity



Type	0603C
Q'TY/Reel	3000