

PRODUCT IDENTIFICATION

JW1 0805 □ - 4N7 □
 | | | | |
 Type Size Inductance Tolerance

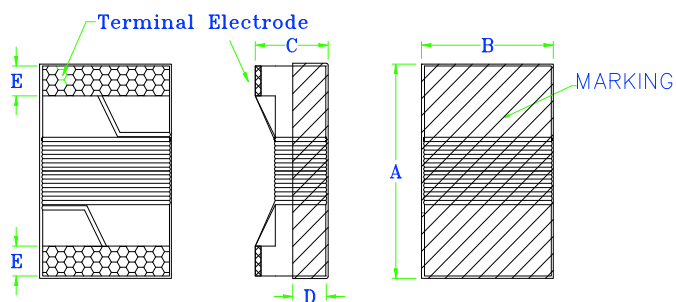
C: Ceramic

FEATURES

- ◆ JW11008C/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



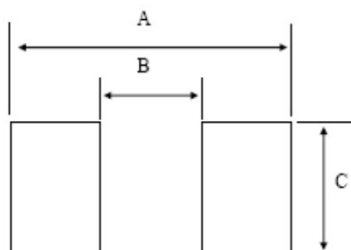
DIMENSIONS (mm)

Part No.	Size (mm)				
	A	B	C	D	E
JWI 0805C	2.0 ± 0.20	1.25 ± 0.20	1.20 ± 0.20	0.6 Ref.	0.40 ± 0.10

RECOMMENDED PATTERN (mm)

Part No.	A	B	C
JWI 0805C	2.60	0.75	1.30

Recommended Pattern



PACKAGE

Type	JWI 0805C
Q'TY/Reel	2,000



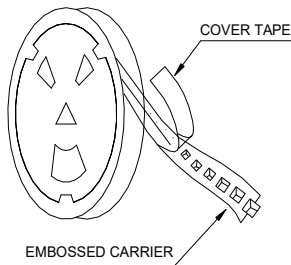
High-Frequency Wound Chip Inductor-JWI 0805C

No.	Part No.	Inductance (nH)	Q Min.	SRF Min. (GHz)	RDC Max. (Ω)	IDC Max. (mA)
1	JWI 0805C-2N2S	2.2 @ 250MHz	50 @ 1000MHz	6.00	0.06	800
2	JWI 0805C-2N7S	2.7 @ 250MHz	35 @ 1000MHz	6.00	0.08	800
3	JWI 0805C-3N3S	3.3 @ 250MHz	60 @ 1000MHz	6.00	0.08	800
4	JWI 0805C-3N9S	3.9 @ 250MHz	60 @ 1000MHz	6.00	0.06	600
5	JWI 0805C-4N7S	4.7 @ 250MHz	60 @ 1000MHz	5.80	0.06	600
6	JWI 0805C-5N1□	5.1 @ 250MHz	60 @ 1000MHz	5.80	0.08	600
7	JWI 0805C-5N6□	5.6 @ 250MHz	60 @ 1000MHz	5.80	0.08	600
8	JWI 0805C-6N8□	6.8 @ 250MHz	60 @ 1000MHz	5.50	0.06	600
9	JWI 0805C-8N2□	8.2 @ 250MHz	60 @ 1000MHz	5.50	0.06	600
10	JWI 0805C-10N□	10 @ 250MHz	60 @ 500MHz	4.80	0.08	600
11	JWI 0805C-12N□	12 @ 250MHz	60 @ 500MHz	4.10	0.08	600
12	JWI 0805C-15N□	15 @ 250MHz	60 @ 500MHz	3.60	0.08	600
13	JWI 0805C-18N□	18 @ 250MHz	60 @ 500MHz	3.40	0.08	600
14	JWI 0805C-22N□	22 @ 250MHz	60 @ 500MHz	3.30	0.10	600
15	JWI 0805C-27N□	27 @ 250MHz	60 @ 500MHz	2.60	0.12	600
16	JWI 0805C-33N□	33 @ 250MHz	60 @ 500MHz	2.40	0.15	500
17	JWI 0805C-39N□	39 @ 250MHz	60 @ 500MHz	2.10	0.18	500
18	JWI 0805C-47N□	47 @ 200MHz	60 @ 500MHz	1.70	0.15	500
19	JWI 0805C-56N□	56 @ 200MHz	60 @ 500MHz	1.60	0.25	500
20	JWI 0805C-68N□	68 @ 200MHz	60 @ 500MHz	1.45	0.27	500
21	JWI 0805C-82N□	82 @ 150MHz	60 @ 500MHz	1.35	0.32	500
22	JWI 0805C-R10□	100 @ 150MHz	60 @ 500MHz	1.20	0.43	500
23	JWI 0805C-R12□	120 @ 150MHz	50 @ 250MHz	1.10	0.48	500
24	JWI 0805C-R15□	150 @ 100MHz	50 @ 250MHz	0.95	0.56	400
25	JWI 0805C-R18□	180 @ 100MHz	50 @ 250MHz	0.90	0.78	400
26	JWI 0805C-R22□	220 @ 100MHz	50 @ 250MHz	0.86	1.00	400
27	JWI 0805C-R27□	270 @ 100MHz	45 @ 250MHz	0.85	1.46	350
28	JWI 0805C-R33□	330 @ 100MHz	45 @ 250MHz	0.80	1.65	300
29	JWI 0805C-R39□	390 @ 100MHz	45 @ 250MHz	0.78	2.20	210

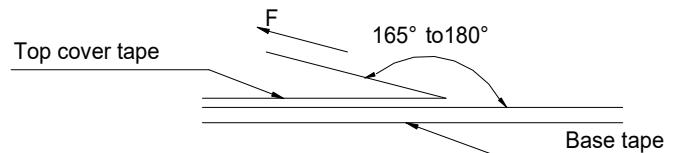
□ : Tolerance : S = $\pm 0.3\text{nH}$; G = $\pm 2\%$; J = $\pm 5\%$; K = $\pm 10\%$

Packaging Information

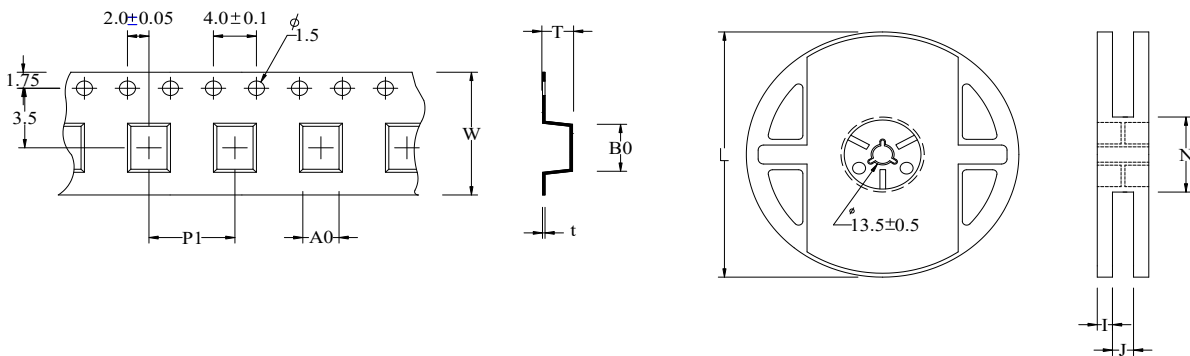
• Tearing Off Force



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.

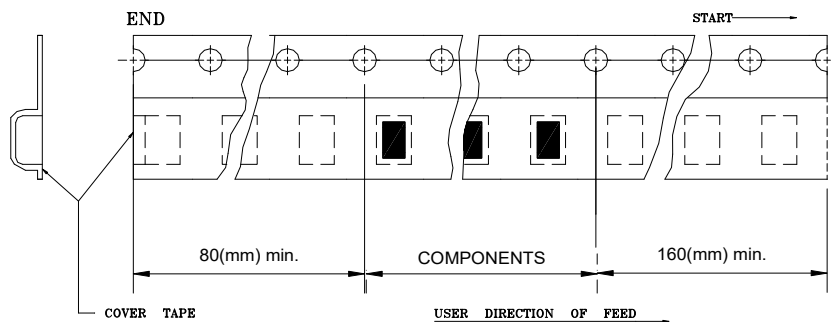


• Tape Dimension & Reel Dimension



TYPE	A0	B0	P1	W	T	t	L	N	I	J
0805C	1.42 ±0.10	2.26 ±0.10	4.00 ±0.10	8.00 ±0.20	1.30 ±0.05	0.20 ±0.05	178 ±2.00	60 ±2.00	2 ±0.50	8.4 ±0.50

• Packaging Quantity



Type	0805C
Q'TY/Reel	2000