



PRODUCT IDENTIFICATION

JWI	0805	HQ	- 39N	G
Type	Size	Inductance		Tol.
		High Q-Value		

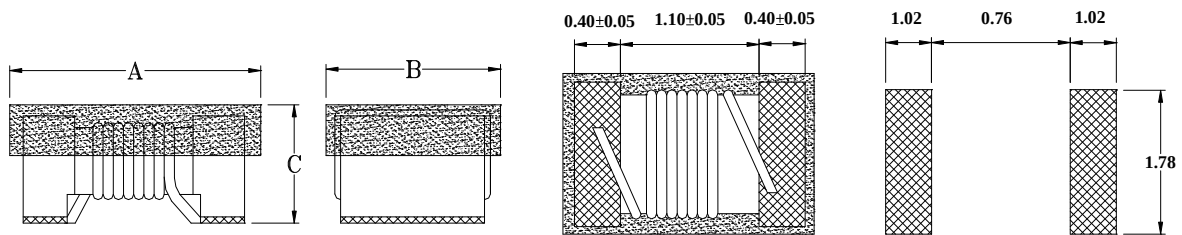
- ※ This is a Rohs and REACH compliant product whose related documents are available on request.
- ※ Graphic is only for dimensionally application.

SCOPE

This Specification applies to wire wound chip inductors.

DIMENSIONS (mm)

Part No.	Size (mm)		
	A	B	C
JWI 0805HQ	2.40 MAX	1.65 MAX	1.45 MAX



Recommended Pattern

RATING TEMPERATURE

OPERATING TEMPERATURE : -25°C ~ + 125°C

MARKING

IDENTIFIER



COLOR CODE

Example : JWJ 0805HQ-39NG

MARKING : White

To mark color dots according to the table of electrical specification.

■ STRUCTURE



■ MATERIAL LIST

ITEM	MATERIAL CATEGORY	MATERIAL TYPE	UL NO.
1	WIRE	POLYSOL	E143312
2	CORE	CERAMIC CORE	
3	EPOXY	UV TYPE	
4	TERMINAL PLATING	Ag Pb+Ni+Sn	

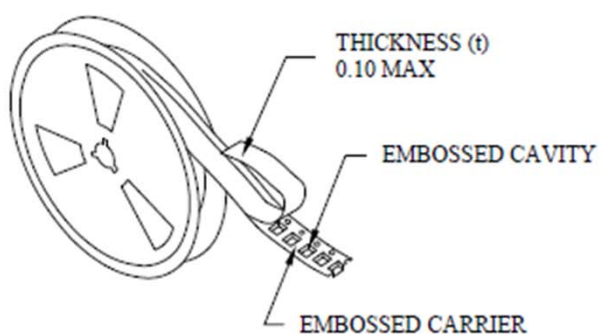
■ SERIES LIST

No.	Part No.	L (nH)	Test Freq. (MHz)	Tol.	Q MIN	Test Freq. (MHz)	SRF (GHz) MIN	RDC (mΩ) MAX	Irms (A)	COLOR CODE
1	JWI 0805HQ-2N5□	2.5	250	J	80	1500	10.30	20	1.6	Black
2	JWI 0805HQ-5N6□	5.6	250	J	98	1500	6.10	35	1.6	Brown
3	JWI 0805HQ-6N2□	6.2	250	J	88	1000	4.75	35	1.6	Red
4	JWI 0805HQ-12N□	12	250	J,G	80	1000	3.00	45	1.6	Orange
5	JWI 0805HQ-16N□	16	250	J,G	72	500	2.95	60	1.5	Yellow
6	JWI 0805HQ-18N□	18	250	J,G	75	500	2.55	60	1.4	Green
7	JWI 0805HQ-20N□	20	250	J,G	70	500	2.05	55	1.4	Blue
8	JWI 0805HQ-27N□	27	250	J,G	75	500	2.00	70	1.3	Violet
9	JWI 0805HQ-30N□	30	250	J,G	65	500	1.95	95	1.2	Gray
10	JWI 0805HQ-39N□	39	250	J,G	65	500	1.60	110	1.1	White
11	JWI 0805HQ-48N□	48	200	J,G	65	500	1.40	95	1.2	Black
12	JWI 0805HQ-51N□	51	200	J,G	65	500	1.40	120	1.0	Brown

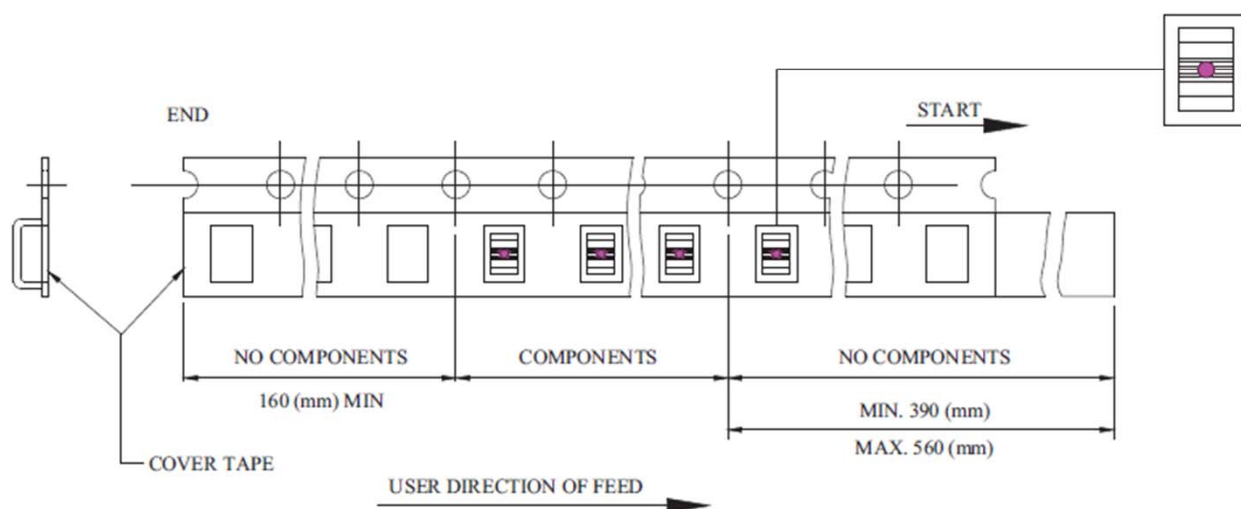
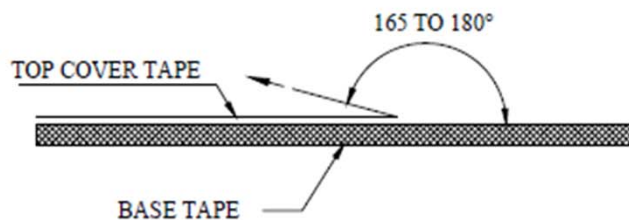
Note:

□ Tolerance : J $\pm$ 5% 、 G $\pm$ 2%

Packaging Information



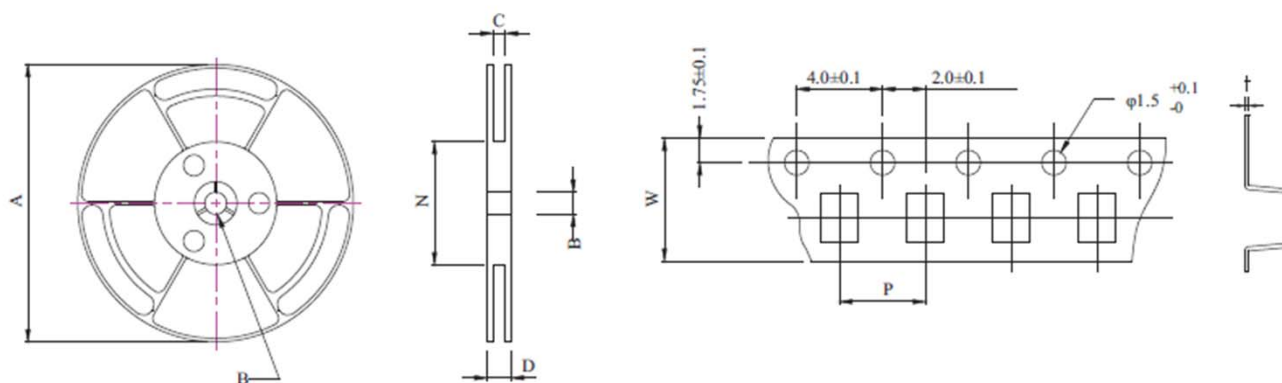
- THE FORCE FOR TEARING OFF COVER TAPE IS 10 TO 100 GRAMS IN THE ARROW DIRECTION.



■ CARRIER TAPE REELS (mm)

MATERIAL: PLASTIC

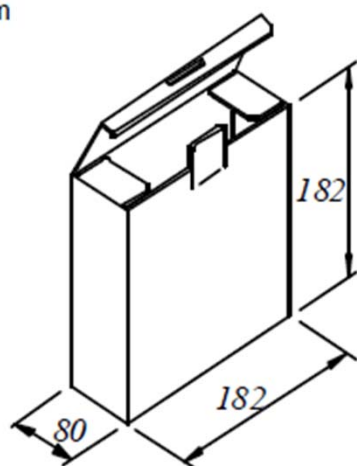
■ DIMENSIONS OF CARRIER TAPE (mm)



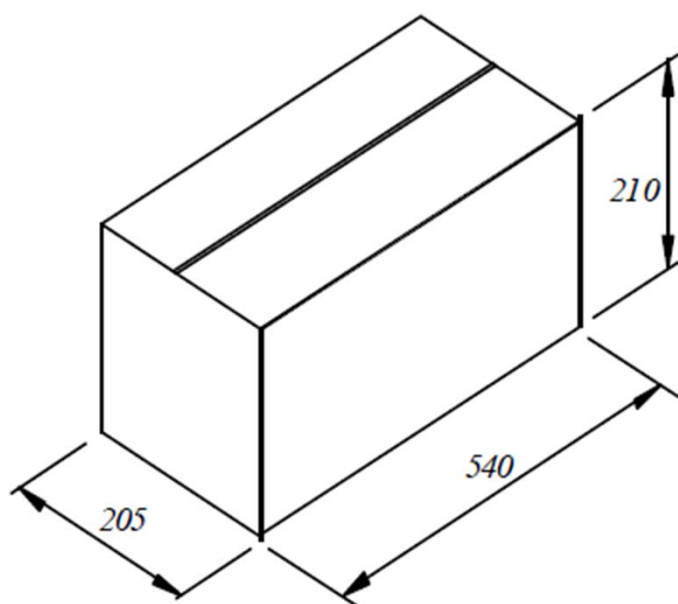
UNIT:mm

	A	B	C	D	N	P	W	t
DIM.	178	13.0	8.4	12.5	50	4.0	8.0	0.25
TOL.	±2.0	±0.8	-	-	MIN	±0.1	±0.2	±0.05

UNIT: mm



- CONSTRUCTION:
A BOX CONTAINS 5 REELS
QTY: 3000/REEL
15000/BOX



TOTAL QTY : 90,000 PCS/CARTON