



PRODUCT IDENTIFICATION

JWI	1008	HQ	- 47N	G
Type	Size	Inductance		Tol.
		High Q-Value		

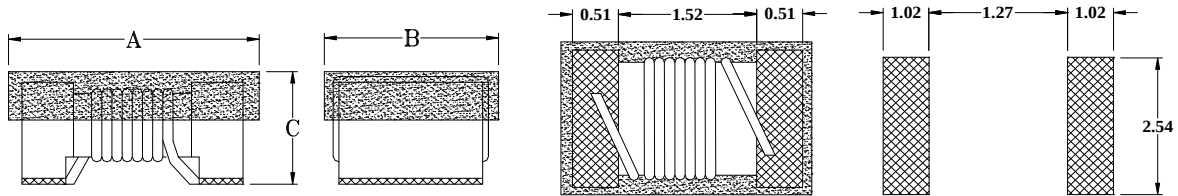
- ※ This is a Rohs and REACH compliant product whose related documents are available on request.
- ※ Graphic is only for dimensionally application.

SCOPE

This Specification applies to wire wound chip inductors.

DIMENSIONS (mm)

Part No.	Size (mm)		
	A	B	C
JWI 1008HQ	2.92 MAX.	2.79 MAX.	2.03 MAX.

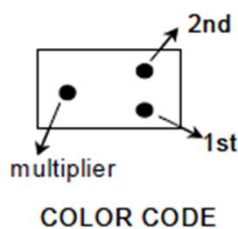


Recommended Pattern

RATING TEMPERATURE

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

MARKING



Example : JW1 1008HQ-47NG

MARKING : Dots 1 and 2 indicate the inductance in nano Henries.

Example : DOTS 1 : Yellow →4, DOTS 2 : Violet →7

DOTS 3 indicates multiplier. MARKING : Brown

Example : DOTS 3 : Brown

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	

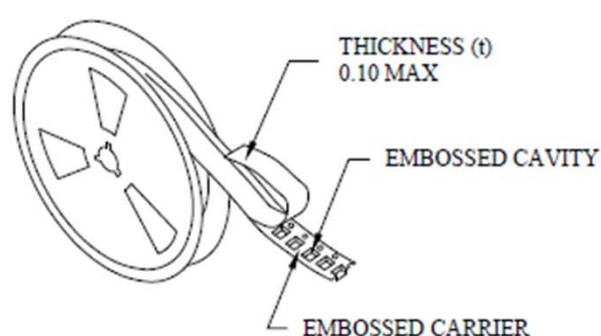
■ SERIES LIST

No.	Part No.	L	Test Freq.	Q	Test Freq.	SRF (GHz)	RDC (mΩ)	Irms (A)	COLOR CODE		
		(nH)	(MHz)	MIN	(MHz)	MIN	MAX		1st	2nd	multiplier
1	JWI 1008HQ-3N0□	3.0	50	70	1500	8.10	0.04	1.6	Orange	Black	Black
2	JWI 1008HQ-4N1□	4.1	50	75	1500	6.20	0.05	1.6	Yellow	Brown	Black
3	JWI 1008HQ-7N8□	7.8	50	75	500	3.80	0.05	1.6	Violet	Gray	Black
4	JWI 1008HQ-10N□	10	50	60	500	3.60	0.06	1.6	Brown	Black	Brown
5	JWI 1008HQ-12N□	12	50	70	500	2.80	0.06	1.5	Brown	Red	Brown
6	JWI 1008HQ-18N□	18	50	62	350	2.70	0.07	1.4	Brown	Gray	Brown
7	JWI 1008HQ-22N□	22	50	62	350	2.05	0.07	1.4	Red	Red	Brown
8	JWI 1008HQ-33N□	33	50	75	350	1.70	0.09	1.3	Orange	Orange	Brown
9	JWI 1008HQ-36N□	36	50	65	350	1.40	0.09	1.3	Orange	Blue	Brown
10	JWI 1008HQ-39N□	39	50	75	350	1.30	0.09	1.3	Orange	White	Brown
11	JWI 1008HQ-47N□	47	50	75	350	1.45	0.12	1.2	Yellow	Violet	Brown
12	JWI 1008HQ-56N□	56	50	75	350	1.23	0.12	1.2	Green	Blue	Brown
13	JWI 1008HQ-68N□	68	50	80	350	1.15	0.13	1.1	Brown	Gray	Brown
14	JWI 1008HQ-82N□	82	50	80	350	1.06	0.16	1.1	Gray	Red	Brown
15	JWI 1008HQ-R10□	100	50	62	350	0.82	0.16	1.0	Brown	Black	Red

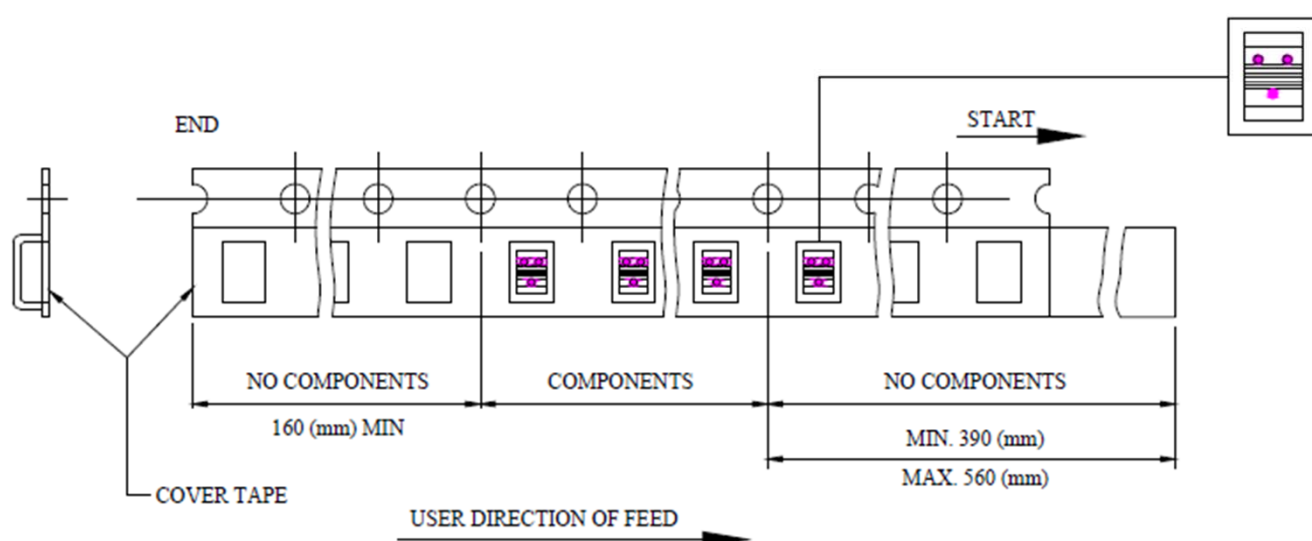
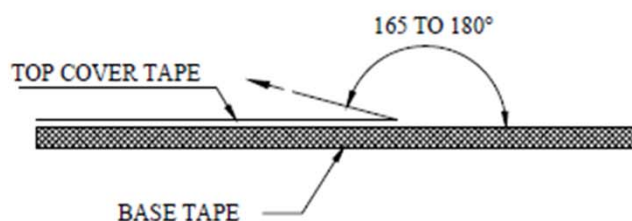
Note:

□ Tolerance : J $\pm$ 5% 、 G $\pm$ 2%

Packaging Information



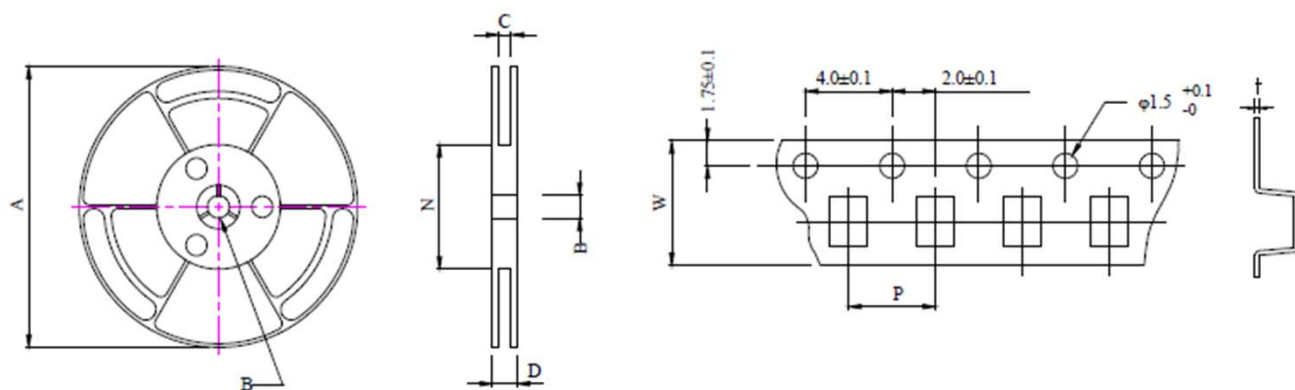
- THE FORCE FOR TEARING OFF COVER TAPE IS 10 TO 100 GRAMS IN THE ARROW DIRECTION.



■ CARRIER TAPE REELS (mm)

MATERIAL: PLASTIC

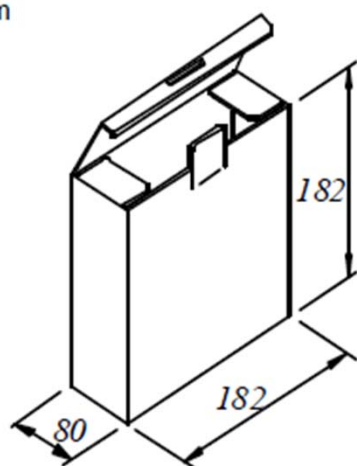
■ DIMENSIONS OF CARRIER TAPE (mm)



UNIT:mm

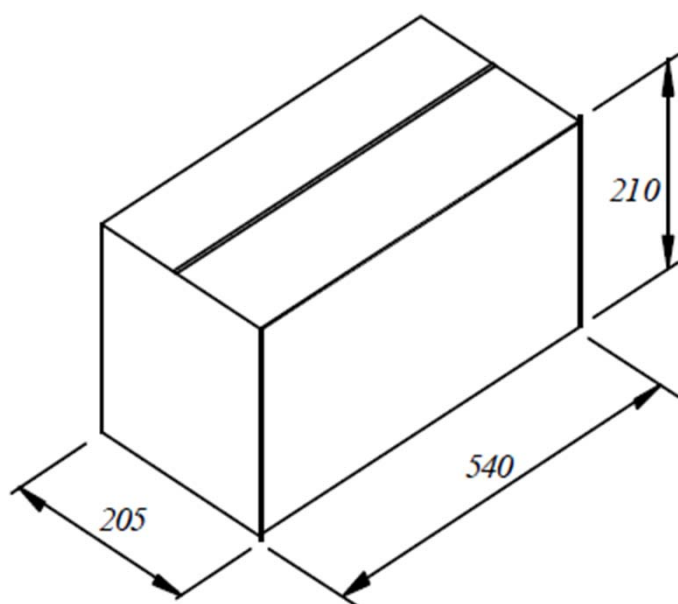
	A	B	C	D	N	P	W	t
DIM.	178	13.0	8.4	12.5	50	4.0	8.0	0.26
TOL.	±2.0	±0.8	-	-	MIN	±0.1	±0.2	±0.05

UNIT: mm



• CONSTRUCTION:
A BOX CONTAINS 5 REELS

QTY: 2000/REEL
10000/BOX



TOTAL QTY: 60,000 PCS/CARTON