

PRODUCT IDENTIFICATION

JQH	321618	A	- 100	K
Type	Size		High current	Tol.
			Inductance	

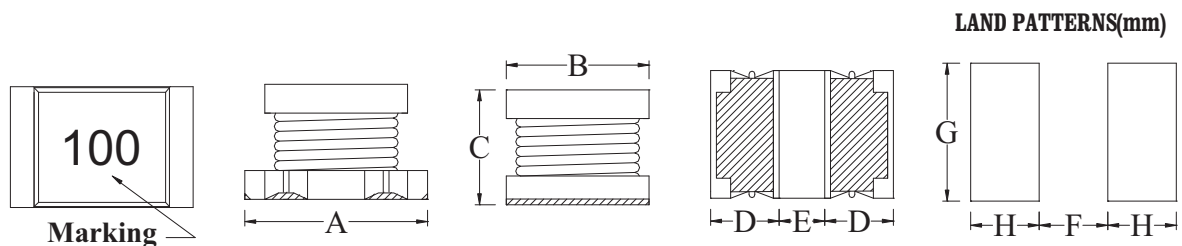
FEATURES

1. Low DC resistance,
2. High current capacity, and high impedance characteristics.
3. They are excellent for use as choke coil in DC power supply circuits.

APPLICATIONS

1. Pagers, Cordless phone.
2. High Freq. Communication Products.
3. Personal computers.
4. Disk Drives and computer peripherals.
5. DC power supply circuits.

DIMENSIONS (mm)



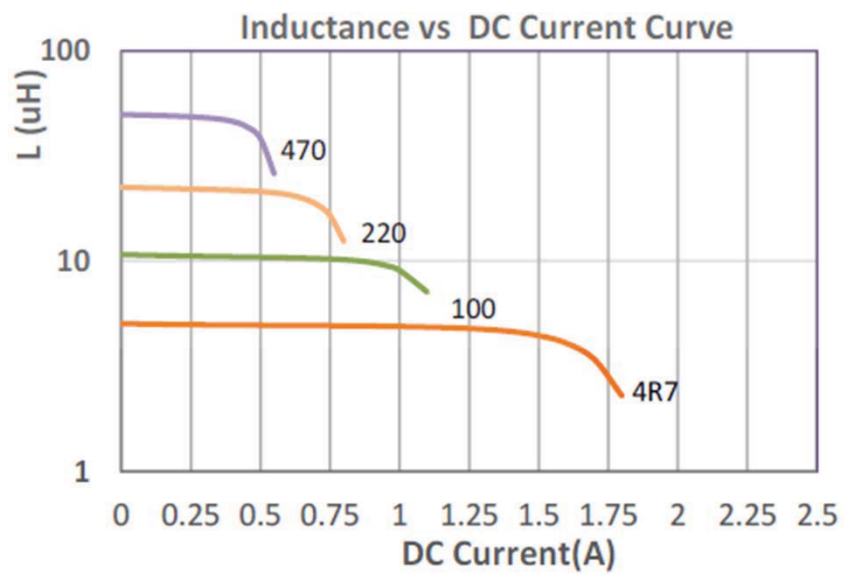
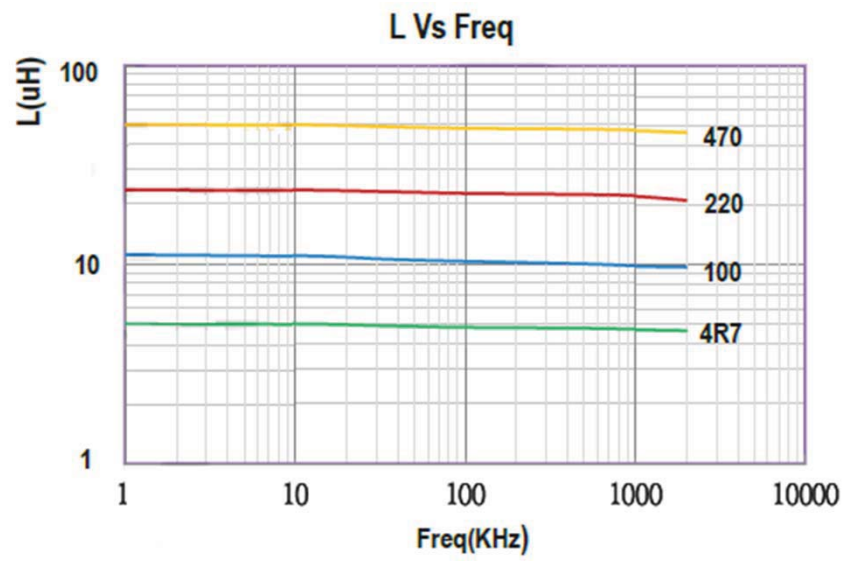
Part No.	A	B	C	D	E	F	G	H
JQH 321618A	3.2 ± 0.3	1.6 ± 0.2	1.8 ± 0.30	0.7 min	0.7 min	1.0	1.5	1.5

SERIES LIST

No.	Part No.	Inductance (μH)	Test Frequency	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	JQH 321618A-R22	0.22	1MHz / 0.1V	250	0.140	850
2	JQH 321618A-R47	0.47	1MHz / 0.1V	180	0.210	700
3	JQH 321618A-1R0	1.0	1MHz / 0.1V	100	0.364	510
4	JQH 321618A-2R2	2.2	1MHz / 0.1V	50	0.533	430
5	JQH 321618A-4R7	4.7	1MHz / 0.1V	31	0.845	340
6	JQH 321618A-100	10	1MHz / 0.1V	20	1.69	230
7	JQH 321618A-220	22	1MHz / 0.1V	14	3.9	160
8	JQH 321618A-470	47	1MHz / 0.1V	10	10.4	100
9	JQH 321618A-101	100	1MHz / 0.1V	7	15.6	80

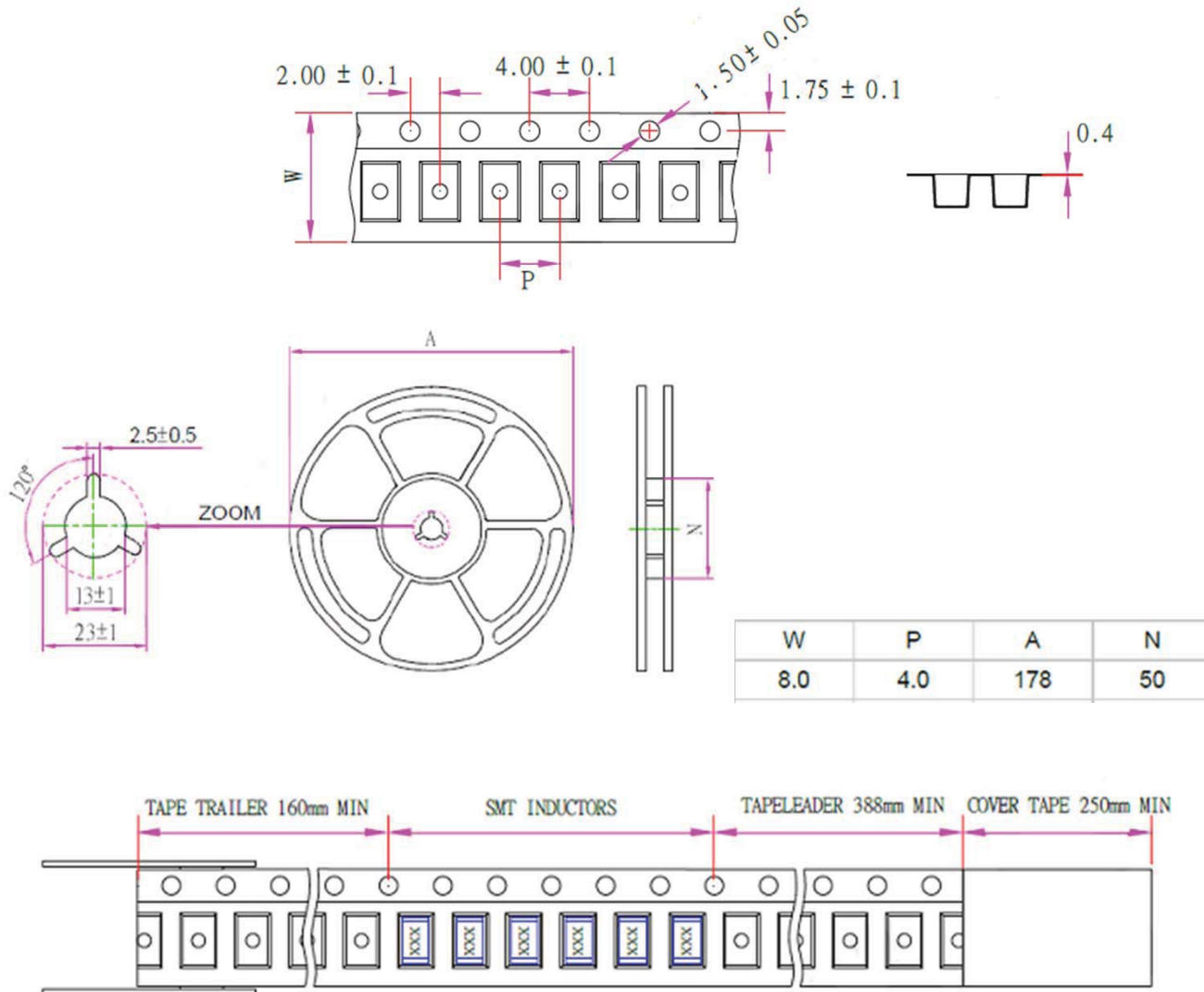
- . Tolerance : K = ± 10% , M = ± 20% , K & M tolerance is standard.
- . Operating temp. : -30°C to 105°C . (Including coils self-temperature rise)
- . Storage Temperature Component: -30°C to 105°C .
- . Rated Current: It is either the inductance is 10% lower than its initial value in DC.
- . Saturation characteristics or temperature raise becomes $\Delta T=20^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$), whichever is lower.

■ Typical Performance Curves



Packaging Information

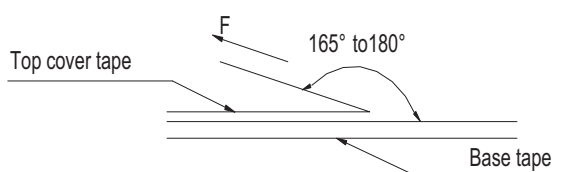
• Dimension



• Packaging Quantity

Size	7" Reel	Inner box	Carton
JQH 321618A	2000	10000	120000

• Tearing Off Force



The force for tearing off cover tape is 10 to 130 grams in the arrow direction under the following conditions (referenced ANSI/EIA-481-C-2003 of 4.11 standard)

Room Temp. (°C)	Room Humidity (%)	Room atm (hPa)	Tearing Speed mm/min
5~35	45~85	860~1060	300