

PRODUCT IDENTIFICATION

JQH	575047	A	-	100	K
Type	Size				Tol.
		High		Inductance	
istics.		current			
supply circuits					

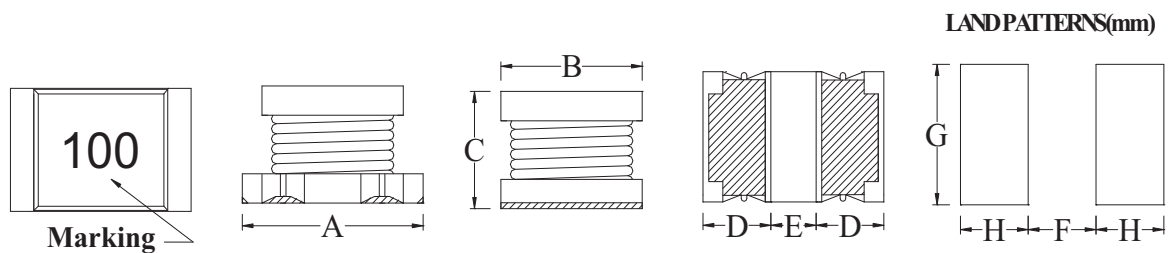
■ FEATURES

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 575047A	5.7 ± 0.3	5.0 ± 0.2	4.7 ± 0.30	1.3 min	1.7 min	2.0	5.0	2.0

SERIES LIST

No.	Part No.	Inductance (μH)	Test Frequency	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
1	JQH 575047A-R12	0.12	1MHz / 0.1V	450	0.0098	6000
2	JQH 575047A-R27	0.27	1MHz / 0.1V	300	0.0140	5300
3	JQH 575047A-R47	0.47	1MHz / 0.1V	200	0.0182	4800
4	JQH 575047A-1R0	1.0	1MHz / 0.1V	150	0.0270	4000
5	JQH 575047A-1R5	1.5	1MHz / 0.1V	110	0.0310	3700
6	JQH 575047A-2R2	2.2	1MHz / 0.1V	80	0.0410	3200
7	JQH 575047A-3R3	3.3	1MHz / 0.1V	40	0.0500	2900
8	JQH 575047A-4R7	4.7	1MHz / 0.1V	30	0.0574	2700
9	JQH 575047A-6R8	6.8	1MHz / 0.1V	25	0.1040	2000
10	JQH 575047A-100	10	1MHz / 0.1V	20	0.1300	1700
11	JQH 575047A-150	15	1MHz / 0.1V	17	0.210	1400
12	JQH 575047A-220	22	1MHz / 0.1V	15	0.266	1200
13	JQH 575047A-330	33	1MHz / 0.1V	12	0.448	900
14	JQH 575047A-470	47	1MHz / 0.1V	10	0.560	800
15	JQH 575047A-680	68	1MHz / 0.1V	7.6	0.938	640
16	JQH 575047A-101	100	100KHz / 0.1V	6.5	1.204	560
17	JQH 575047A-151	150	100KHz / 0.1V	5.0	2.660	420
18	JQH 575047A-221	220	100KHz / 0.1V	4.0	3.360	320

19	JQH 575047A-331	330	100KHz / 0.1V	3.1	6.160	270
20	JQH 575047A-471	470	100KHz / 0.1V	2.4	7.560	240
21	JQH 575047A-681	680	100KHz / 0.1V	1.9	11.34	190
22	JQH 575047A-102	1000	10KHz / 0.1V	1.7	14.42	150
23	JQH 575047A-222	2200	10KHz / 0.1V	1.2	30.10	100
24	JQH 575047A-472	4700	10KHz / 0.1V	0.8	61.04	70
25	JQH 575047A-103	10000	10KHz / 0.1V	0.5	140.0	50

. Tolerance : K = $\pm 10\%$, M = $\pm 20\%$, K & M tolerance is standard.

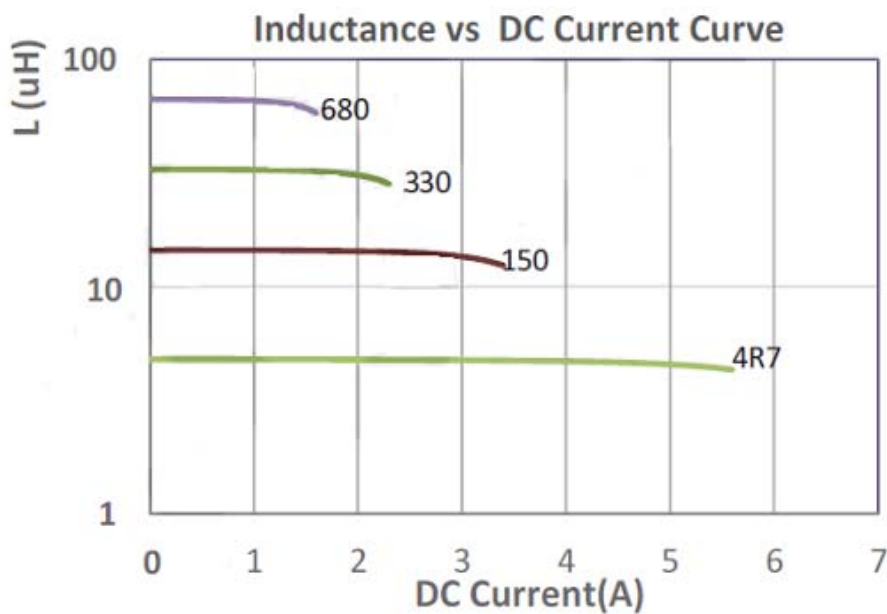
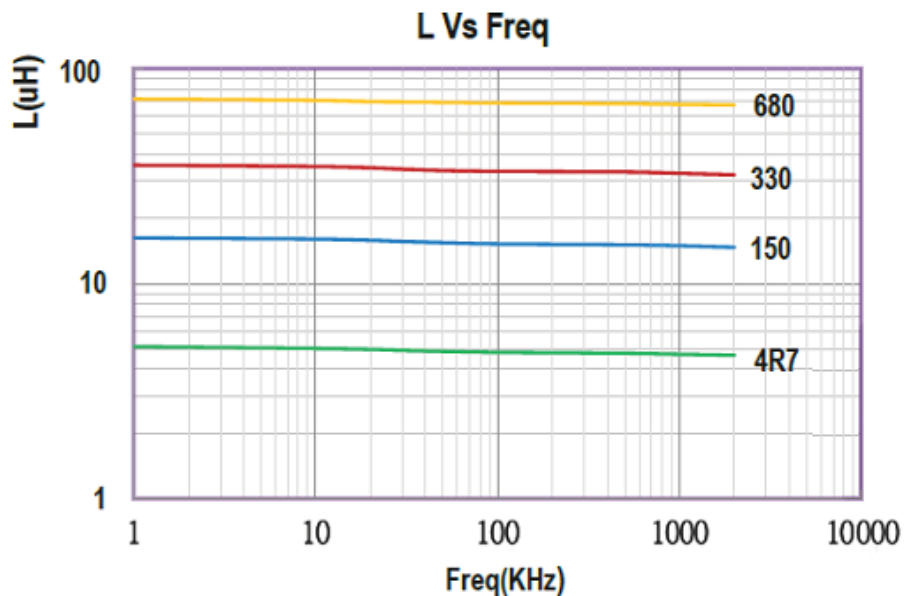
. Operating temp. : -30°C to 105°C . (Including coils self-temperature rise)

. Storage Temperature Component: -30°C to 105°C .

. Rated Current: It is either the inductance is 10% lower than its initial value in DC.

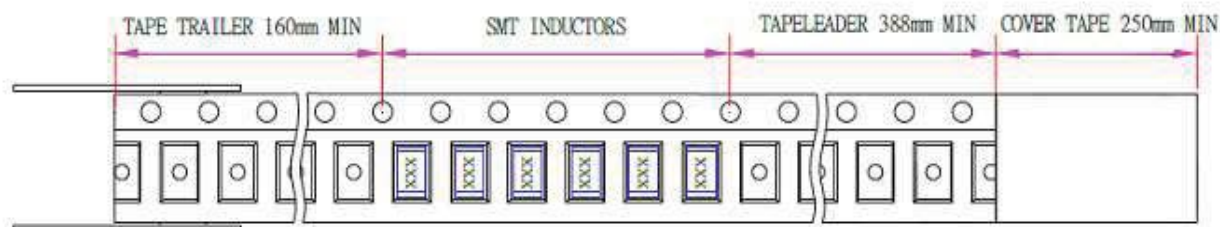
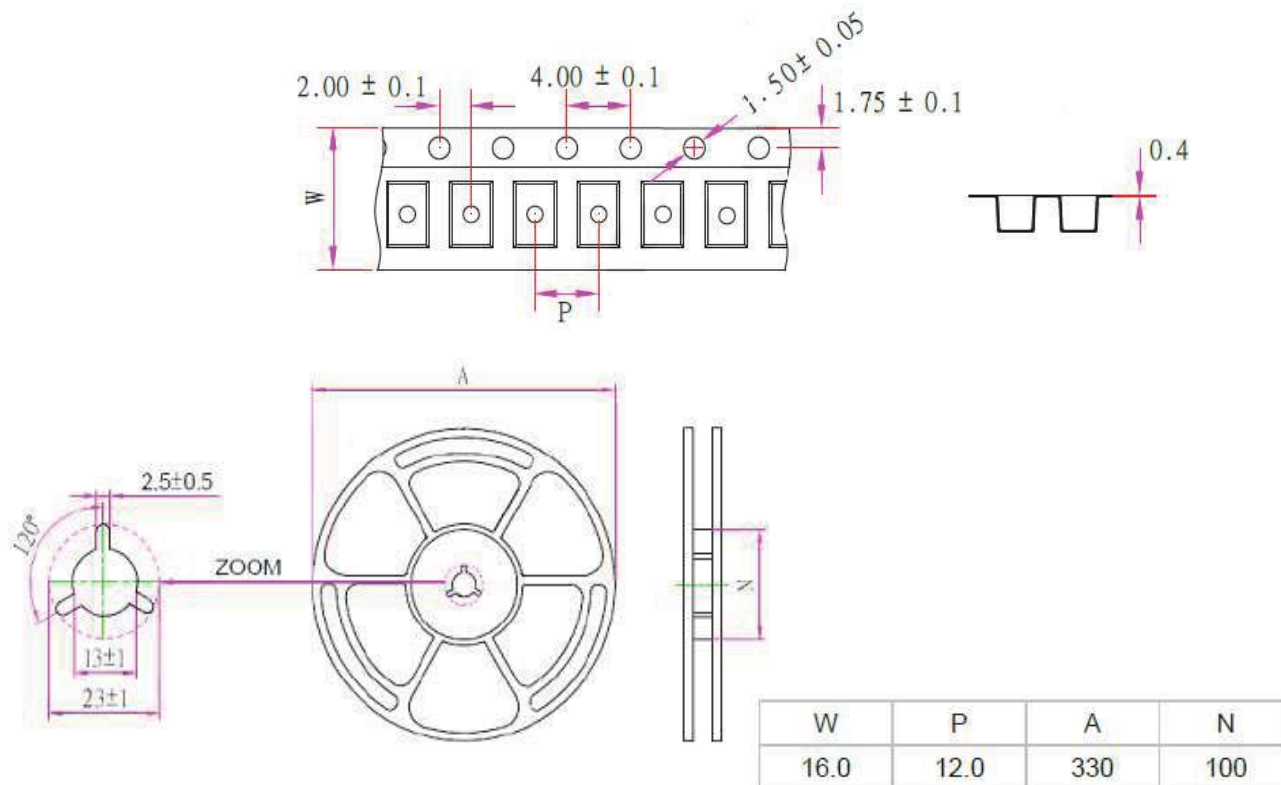
. Saturation characteristics or temperature raise becomes $\Delta T=20^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$), whichever is lower.

■ Typical Performance Curves



Packaging Information

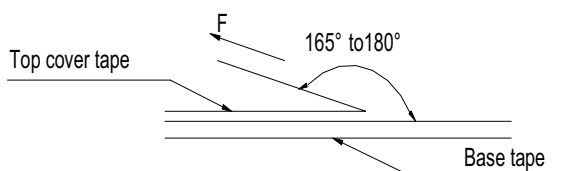
• Dimension



• Packaging Quantity

Size	13" Reel	Inner box	Carton
JQH 575047A	1000	4000	16000

• 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