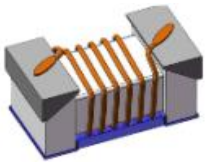
岑科科技(深圳)集团有限公司
SHENZHEN CENKER TECHNOLOGY GROUP CO.,LTD.

RoHS REACH AEC-Q200

WIRE WOUND CHIP CERAMIC INDUCTOR 高频片式陶瓷绕线电感
Operating Temp. : -40℃~+125℃

● FEATURES 特性

1. 高Q值高SRF的陶瓷材料.
   High Q value and high self-resonant frequency with ceramic material.
2. 小尺寸，表面贴装.
   Small chip suitable for surface mounting.
3. Tight inductance tolerance and high reliability.
   高精度，高可靠性.
4. 满足AEC-Q200测试要求.
   Reliability tests comply with AEC-Q200。



陶瓷（Ceramic）

● PART NUMBERING SYSTEM 品名系统

ACKCW 0603 - 390nH/J C

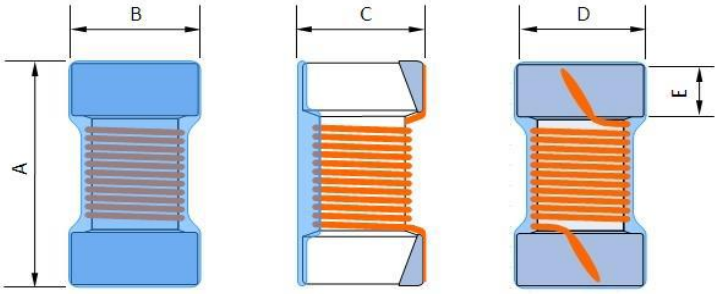
① ② ③ ④ ⑤

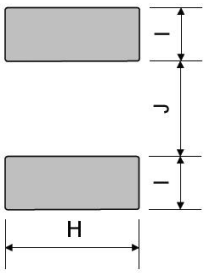
(1) Type 型号 (2) External Dimensions 外形尺寸 （3）Indutance 电感值

(4) Indutance Tolerance 电感值公差（B:±0.1nH C:±0.2nH S:±0.3nH G:±2% H:±3% J:±5% K:±10%)

(5) Material code（Ceramic） 材料代号（陶瓷）

● SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)





Land Pattern

TYPE(型号)	A	B	C	D	E	H	I	J
ACKCW0402 (C)	1.1±0.1	0.6±0.1	0.55±0.1	0.5±0.1	0.2±0.1	0.65 ref	0.35 ref	0.50 ref
ACKCW0603 (C)	1.8 Max	1.12 Max	1.02 Max	0.76 Typ	0.33 Typ	1.02 ref	0.64 ref	0.64 ref
ACKCW0805 (C)	2.29 Max	1.73 Max	1.55 Max	1.27 Typ	0.5 Typ	1.78 ref	1.02 ref	0.76 ref

● SPECIFICATION TABLE:

ACKCW0402H (C) Series

Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L	C,D,J,K	Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0402H-1.3nH/□(C)	1.3nH	C,D	20	100/250	0.012	3150	18
ACKCW0402H-1.5nH/□(C)	1.5nH	C,D	20	100/250	0.028	2100	18
ACKCW0402H-1.6nH/□(C)	1.6nH	C,D	20	100/250	0.045	1450	18
ACKCW0402H-1.7nH/□(C)	1.7nH	C,D	20	100/250	0.065	1150	18
ACKCW0402H-1.8nH/□(C)	1.8nH	C,D	20	100/250	0.065	1150	18
ACKCW0402H-2.2nH/□(C)	2.2nH	C,D,K	30	100/250	0.022	2530	15.5
ACKCW0402H-2.3nH/□(C)	2.3nH	C,D,K	30	100/250	0.022	2530	15.5
ACKCW0402H-2.4nH/□(C)	2.4nH	C,D,K	30	100/250	0.022	2530	15.5
ACKCW0402H-2.5nH/□(C)	2.5nH	C,D,K	30	100/250	0.030	2100	15.5
ACKCW0402H-2.6nH/□(C)	2.6nH	C,D,K	30	100/250	0.035	1950	14.5
ACKCW0402H-2.7nH/□(C)	2.7nH	C,D,K	28	100/250	0.047	1500	14.0
ACKCW0402H-2.8nH/□(C)	2.8nH	C,D,K	27	100/250	0.047	1500	13.5
ACKCW0402H-2.9nH/□(C)	2.9nH	C,D,K	25	100/250	0.047	1500	12.5
ACKCW0402H-3.0nH/□(C)	3.0nH	C,D,K	20	100/250	0.063	1350	12.5
ACKCW0402H-3.3nH/□(C)	3.3nH	C,D,K	30	100/250	0.030	2000	14.0
ACKCW0402H-3.4nH/□(C)	3.4nH	C,D,K	30	100/250	0.030	1950	10.0
ACKCW0402H-3.5nH/□(C)	3.5nH	C,D,K	30	100/250	0.030	1950	10.0
ACKCW0402H-3.6nH/□(C)	3.6nH	C,D,K	30	100/250	0.030	1950	10.0
ACKCW0402H-3.7nH/□(C)	3.7nH	C,D,K	35	100/250	0.030	1950	10.0
ACKCW0402H-3.8nH/□(C)	3.8nH	C,D,K	35	100/250	0.030	1950	10.0
ACKCW0402H-3.9nH/□(C)	3.9nH	C,D,K	35	100/250	0.030	1950	10.0
ACKCW0402H-4.0nH/□(C)	4.0nH	C,D,K	30	100/250	0.030	1950	10.0
ACKCW0402H-4.1nH/□(C)	4.1nH	C,D,K	30	100/250	0.044	1800	9.6
ACKCW0402H-4.2nH/□(C)	4.2nH	C,D,K	30	100/250	0.044	1800	9.6
ACKCW0402H-4.3nH/□(C)	4.3nH	C,D,K	32	100/250	0.044	1800	9.6
ACKCW0402H-4.4nH/□(C)	4.4nH	C,D,K	34	100/250	0.052	1600	9.6
ACKCW0402H-4.5nH/□(C)	4.5nH	C,D,K	34	100/250	0.060	1450	9.6
ACKCW0402H-4.6nH/□(C)	4.6nH	C,D,K	32	100/250	0.060	1450	9.6
ACKCW0402H-4.7nH/□(C)	4.7nH	C,D,K	31	100/250	0.071	1200	8.0
ACKCW0402H-4.8nH/□(C)	4.8nH	C,D,K	30	100/250	0.071	1200	8.0
ACKCW0402H-4.9nH/□(C)	4.9nH	C,D,K	27	100/250	0.071	1200	8.0
ACKCW0402H-5.0nH/□(C)	5.0nH	C,D,K	32	100/250	0.040	1770	10.0

● SPECIFICATION TABLE:

ACKCW0402H (C) Series

Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L	C,D,J,K	Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0402H-5.1nH/□(C)	5.1nH	C,D,K	35	100/250	0.040	1770	8.0
ACKCW0402H-5.2nH/□(C)	5.2nH	C,D,K	35	100/250	0.040	1770	8.0
ACKCW0402H-5.3nH/□(C)	5.3nH	C,D,K	35	100/250	0.040	1770	8.0
ACKCW0402H-5.4nH/□(C)	5.4nH	C,D,K	35	100/250	0.040	1770	8.0
ACKCW0402H-5.5nH/□(C)	5.5nH	C,D,K	35	100/250	0.040	1770	8.0
ACKCW0402H-5.6nH/□(C)	5.6nH	C,D,K	35	100/250	0.040	1770	8.0
ACKCW0402H-5.7nH/□(C)	5.7nH	C,D,K	30	100/250	0.040	1770	8.0
ACKCW0402H-5.8nH/□(C)	5.8nH	C,D,K	30	100/250	0.040	1770	8.0
ACKCW0402H-5.9nH/□(C)	5.9nH	C,D,K	30	100/250	0.040	1770	8.0
ACKCW0402H-6.0nH/□(C)	6.0nH	C,D,K	32	100/250	0.056	1600	8.0
ACKCW0402H-6.1nH/□(C)	6.1nH	C,D,K	32	100/250	0.056	1600	8.0
ACKCW0402H-6.2nH/□(C)	6.2nH	C,D,K	33	100/250	0.056	1600	8.0
ACKCW0402H-6.3nH/□(C)	6.3nH	J,K	32	100/250	0.057	1600	7.8
ACKCW0402H-6.4nH/□(C)	6.4nH	J,K	33	100/250	0.065	1380	7.0
ACKCW0402H-6.5nH/□(C)	6.5nH	J,K	32	100/250	0.065	1380	7.0
ACKCW0402H-6.6nH/□(C)	6.6nH	J,K	30	100/250	0.078	1280	7.0
ACKCW0402H-6.7nH/□(C)	6.7nH	J,K	30	100/250	0.078	1280	7.0
ACKCW0402H-6.8nH/□(C)	6.8nH	J,K	30	100/250	0.068	1450	7.0
ACKCW0402H-6.9nH/□(C)	6.9nH	J,K	32	100/250	0.069	1420	8.5
ACKCW0402H-7.0nH/□(C)	7.0nH	J,K	33	100/250	0.069	1420	8.0
ACKCW0402H-7.1nH/□(C)	7.1nH	J,K	32	100/250	0.069	1420	7.0
ACKCW0402H-7.2nH/□(C)	7.2nH	J,K	32	100/250	0.050	1700	7.0
ACKCW0402H-7.3nH/□(C)	7.3nH	J,K	32	100/250	0.050	1700	7.0
ACKCW0402H-7.4nH/□(C)	7.4nH	J,K	30	100/250	0.050	1700	7.0
ACKCW0402H-7.5nH/□(C)	7.5nH	J,K	35	100/250	0.050	1700	7.0
ACKCW0402H-7.6nH/□(C)	7.6nH	J,K	30	100/250	0.050	1700	7.0
ACKCW0402H-7.7nH/□(C)	7.7nH	J,K	30	100/250	0.050	1700	7.0
ACKCW0402H-7.8nH/□(C)	7.8nH	J,K	30	100/250	0.050	1700	7.0
ACKCW0402H-7.9nH/□(C)	7.9nH	J,K	30	100/250	0.050	1700	7.0
ACKCW0402H-8.0nH/□(C)	8.0nH	J,K	30	100/250	0.050	1700	7.0
ACKCW0402H-8.1nH/□(C)	8.1nH	J,K	32	100/250	0.069	1500	6.5
ACKCW0402H-8.2nH/□(C)	8.2nH	J,K	32	100/250	0.069	1500	6.5
ACKCW0402H-8.3nH/□(C)	8.3nH	J,K	32	100/250	0.069	1500	6.5
ACKCW0402H-8.4nH/□(C)	8.4nH	J,K	32	100/250	0.069	1500	6.5
ACKCW0402H-8.5nH/□(C)	8.5nH	J,K	32	100/250	0.069	1500	6.5
ACKCW0402H-8.6nH/□(C)	8.6nH	J,K	31	100/250	0.070	1420	6.5
ACKCW0402H-8.7nH/□(C)	8.7nH	J,K	31	100/250	0.070	1420	6.5
ACKCW0402H-8.8nH/□(C)	8.8nH	J,K	31	100/250	0.070	1420	6.5
ACKCW0402H-8.9nH/□(C)	8.9nH	J,K	31	100/250	0.070	1420	6.5
ACKCW0402H-9.0nH/□(C)	9.0nH	J,K	30	100/250	0.070	1500	6.5

● SPECIFICATION TABLE:

ACKCW0402H (C) Series

Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L	C,D,J,K	Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0402H-9.1nH/□(C)	9.1nH	J,K	32	100/250	0.080	1400	6.5
ACKCW0402H-9.2nH/□(C)	9.2nH	J,K	32	100/250	0.081	1400	6.0
ACKCW0402H-9.3nH/□(C)	9.3nH	J,K	34	100/250	0.081	1400	6.0
ACKCW0402H-9.4nH/□(C)	9.4nH	J,K	33	100/250	0.081	1400	6.0
ACKCW0402H-9.5nH/□(C)	9.5nH	J,K	32	100/250	0.081	1400	6.0
ACKCW0402H-9.6nH/□(C)	9.6nH	J,K	33	100/250	0.081	1400	6.0
ACKCW0402H-9.7nH/□(C)	9.7nH	J,K	33	100/250	0.081	1400	6.0
ACKCW0402H-9.8nH/□(C)	9.8nH	J,K	34	100/250	0.081	1400	6.0
ACKCW0402H-9.9nH/□(C)	9.9nH	J,K	32	100/250	0.081	1400	6.0
ACKCW0402H-10nH/□(C)	10nH	J,K	31	100/250	0.081	1400	6.0
ACKCW0402H-12nH/□(C)	12nH	J,K	30	100/250	0.093	1240	5.2
ACKCW0402H-13nH/□(C)	13nH	J,K	30	100/250	0.093	1240	5.2
ACKCW0402H-14nH/□(C)	14nH	J,K	31	100/250	0.111	1150	5.2
ACKCW0402H-15nH/□(C)	15nH	J,K	31	100/250	0.114	1150	5.5
ACKCW0402H-16nH/□(C)	16nH	J,K	31	100/250	0.126	1000	5.0
ACKCW0402H-17nH/□(C)	17nH	J,K	31	100/250	0.126	1000	5.0
ACKCW0402H-18nH/□(C)	18nH	J,K	30	100/250	0.130	1050	5.2
ACKCW0402H-19nH/□(C)	19nH	J,K	30	100/250	0.156	920	5.0
ACKCW0402H-20nH/□(C)	20nH	J,K	30	100/250	0.186	800	4.5
ACKCW0402H-21nH/□(C)	21nH	J,K	30	100/250	0.202	780	4.5
ACKCW0402H-22nH/□(C)	22nH	J,K	30	100/250	0.202	780	4.5
ACKCW0402H-23nH/□(C)	23nH	J,K	29	100/250	0.201	760	4.5
ACKCW0402H-24nH/□(C)	24nH	J,K	31	100/250	0.212	770	4.0
ACKCW0402H-25nH/□(C)	25nH	J,K	31	100/250	0.221	750	4.1
ACKCW0402H-26nH/□(C)	26nH	J,K	29	100/250	0.282	720	4.1
ACKCW0402H-27nH/□(C)	27nH	J,K	30	100/250	0.288	680	4.0
ACKCW0402H-30nH/□(C)	30nH	J,K	30	100/250	0.309	660	3.8
ACKCW0402H-33nH/□(C)	33nH	J,K	30	100/250	0.336	620	3.6
ACKCW0402H-36nH/□(C)	36nH	J,K	30	100/250	0.431	540	3.5
ACKCW0402H-39nH/□(C)	39nH	J,K	28	100/250	0.456	530	3.4
ACKCW0402H-43nH/□(C)	43nH	J,K	30	100/250	0.516	515	3.4
ACKCW0402H-47nH/□(C)	47nH	J,K	25	100/250	0.648	440	3.2
ACKCW0402H-51nH/□(C)	51nH	J,K	25	100/250	0.696	415	2.9
ACKCW0402H-53nH/□(C)	53nH	J,K	25	100/250	0.696	415	2.9
ACKCW0402H-56nH/□(C)	56nH	J,K	25	100/250	0.996	340	2.9
ACKCW0402H-68nH/□(C)	68nH	J,K	25	100/250	1.128	320	2.5
ACKCW0402H-75nH/□(C)	68nH	J,K	25	100/250	1.224	320	2.4

※□(C): Please specify the inductance tolerance code
(B=±0.1nH, C=±0.2nH, S=±0.3nH, D=±0.5nH, G=±2%, H=±3%, J=±5%, K=±10%).

● SPECIFICATION TABLE:

ACKCW0603 (C) Series

Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L		Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0603-1.6nH/□(C)	1.6nH	C,S,D,K	24	250	0.030	700	12.5
ACKCW0603-1.8nH/□(C)	1.8nH	C,S,D,K	16	250	0.045	700	12.5
ACKCW0603-2.0nH/□(C)	2.0nH	C,S,D,K	16	250	0.045	700	12.5
ACKCW0603-2.2nH/□(C)	2.2nH	C,S,D,K	13	250	0.250	100	12.5
ACKCW0603-3.3nH/□(C)	3.3nH	C,S,D,K	35	250	0.045	700	5.9
ACKCW0603-3.6nH/□(C)	3.6nH	C,S,D,K	22	250	0.063	700	5.9
ACKCW0603-3.9nH/□(C)	3.9nH	C,S,D,K	22	250	0.080	700	6.9
ACKCW0603-4.3nH/□(C)	4.3nH	C,S,D,K	22	250	0.063	700	5.9
ACKCW0603-4.7nH/□(C)	4.7nH	C,S,D,K	20	250	0.116	700	5.8
ACKCW0603-5.1nH/□(C)	5.1nH	C,S,D,K	20	250	0.140	700	5.7
ACKCW0603-5.6nH/□(C)	5.6nH	C,S,D,K	26	250	0.075	700	4.76
ACKCW0603-6.8nH/□(C)	6.8nH	H,J,K	27	250	0.110	700	5.8
ACKCW0603-7.5nH/□(C)	7.5nH	H,J,K	28	250	0.106	700	4.8
ACKCW0603-8.2nH/□(C)	8.2nH	H,J,K	30	250	0.115	700	4.2
ACKCW0603-8.7nH/□(C)	8.7nH	H,J,K	28	250	0.109	700	4.6
ACKCW0603-9.5nH/□(C)	9.5nH	H,J,K	28	250	0.135	700	5.4
ACKCW0603-10nH/□(C)	10nH	H,J,K	31	250	0.130	700	4.8
ACKCW0603-11nH/□(C)	10nH	J,K	30	250	0.130	700	4.0
ACKCW0603-12nH/□(C)	12nH	J,K	35	250	0.130	500	4.0
ACKCW0603-15nH/□(C)	15nH	J,K	35	250	0.170	700	4.0
ACKCW0603-16nH/□(C)	15nH	J,K	34	250	0.170	700	3.3
ACKCW0603-18nH/□(C)	18nH	J,K	35	250	0.170	700	3.1
ACKCW0603-20nH/□(C)	20nH	J,K	35	250	0.170	700	3.1
ACKCW0603-22nH/□(C)	22nH	J,K	38	250	0.190	700	3.0
ACKCW0603-23nH/□(C)	25nH	J,K	38	250	0.190	700	2.85
ACKCW0603-24nH/□(C)	25nH	J,K	36	250	0.190	700	2.65
ACKCW0603-27nH/□(C)	27nH	J,K	40	250	0.220	600	2.8
ACKCW0603-30nH/□(C)	30nH	J,K	37	250	0.220	600	2.25
ACKCW0603-33nH/□(C)	33nH	J,K	40	250	0.220	600	2.3
ACKCW0603-36nH/□(C)	36nH	J,K	37	250	0.250	600	2.08
ACKCW0603-39nH/□(C)	39nH	J,K	40	250	0.250	600	2.20
ACKCW0603-43nH/□(C)	43nH	J,K	38	250	0.280	600	2.00
ACKCW0603-47nH/□(C)	47nH	J,K	38	200	0.280	600	2.00
ACKCW0603-51nH/□(C)	51nH	J,K	35	200	0.270	600	1.90
ACKCW0603-56nH/□(C)	56nH	J,K	38	200	0.310	600	1.90
ACKCW0603-68nH/□(C)	68nH	J,K	37	200	0.340	600	1.70

● SPECIFICATION TABLE:

ACKCW0603 (C) Series

Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L		Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0603-72nH/□(C)	72nH	J,K	34	150	0.490	400	1.70
ACKCW0603-82nH/□(C)	82nH	J,K	34	150	0.540	400	1.70
ACKCW0603-100nH/□(C)	100nH	J,K	34	150	0.580	400	1.40
ACKCW0603-110nH/□(C)	110nH	J,K	32	150	0.610	300	1.35
ACKCW0603-120nH/□(C)	120nH	J,K	32	150	0.650	300	1.30
ACKCW0603-150nH/□(C)	150nH	J,K	28	150	0.920	280	0.99
ACKCW0603-180nH/□(C)	180nH	J,K	25	100	1.250	240	0.99
ACKCW0603-200nH/□(C)	200nH	J,K	25	100	1.980	200	0.90
ACKCW0603-210nH/□(C)	210nH	J,K	27	100	2.060	200	0.895
ACKCW0603-220nH/□(C)	220nH	J,K	25	100	2.100	200	0.90
ACKCW0603-250nH/□(C)	250nH	J,K	25	100	3.550	120	0.822
ACKCW0603-270nH/□(C)	270nH	J,K	26	100	2.160	170	0.83
ACKCW0603-330nH/□(C)	330nH	J,K	25	100	3.890	100	0.90
ACKCW0603-390nH/□(C)	390nH	J,K	25	100	4.350	100	0.78

※□(C): Please specify the inductance tolerance code
(B=±0.1nH, C=±0.2nH, S=±0.3nH, D=±0.5nH, G=±2%, H=±3%, J=±5%, K=±10%).

● SPECIFICATION TABLE:

ACKCW0805 (C) Series

Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L		Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0805-2.7nH/□(C)	2.7nH	C,S.D,K	40	250/1000	0.060	800	7900
ACKCW0805-3.0nH/□(C)	3.0nH	C,S.D,K	40	250/1500	0.060	800	7900
ACKCW0805-3.3nH/□(C)	3.3nH	C,S.D,K	40	250/1500	0.080	600	7900
ACKCW0805-4.7nH/□(C)	4.7nH	K	35	250/1000	0.080	600	6200
ACKCW0805-5.6nH/□(C)	5.6nH	J,K	55	250/1000	0.065	600	5900
ACKCW0805-6.8nH/□(C)	6.8nH	J,K	50	250/1000	0.11	600	5600
ACKCW0805-7.5nH/□(C)	7.5nH	J,K	50	250/100	0.14	600	4800
ACKCW0805-8.2nH/□(C)	8.2nH	J,K	50	250/100	0.12	600	4700
ACKCW0805-10nH/□(C)	10nH	J,K	60	250/500	0.10	600	4300
ACKCW0805-12nH/□(C)	12nH	J,K	50	250/500	0.15	600	4000
ACKCW0805-15nH/□(C)	15nH	J,K	50	250/500	0.17	600	3400
ACKCW0805-18nH/□(C)	18nH	J,K	50	250/500	0.20	600	3300
ACKCW0805-22nH/□(C)	22nH	J,K	55	250/500	0.22	500	2600
ACKCW0805-24nH/□(C)	24nH	J,K	50	250/500	0.22	500	2400
ACKCW0805-27nH/□(C)	27nH	J,K	55	250/500	0.25	500	2580
ACKCW0805-33nH/□(C)	33nH	J,K	60	250/500	0.27	500	2150
ACKCW0805-36nH/□(C)	36nH	J,K	55	250/500	0.27	500	1900
ACKCW0805-39nH/□(C)	39nH	J,K	60	250/500	0.29	500	2000
ACKCW0805-43nH/□(C)	43nH	J,K	60	200/500	0.30	500	1800
ACKCW0805-47nH/□(C)	47nH	J,K	60	200/500	0.31	500	1600
ACKCW0805-56nH/□(C)	56nH	J,K	60	200/500	0.30	500	1600
ACKCW0805-68nH/□(C)	68nH	J,K	60	200/500	0.38	500	1500
ACKCW0805-82nH/□(C)	82nH	J,K	65	150/500	0.42	400	1330
ACKCW0805-91nH/□(C)	91nH	J,K	65	150/500	0.46	400	1330
ACKCW0805-100nH/□(C)	100nH	J,K	65	150/500	0.46	400	1250
ACKCW0805-120nH/□(C)	120nH	J,K	50	150/250	0.51	400	1100
ACKCW0805-150nH/□(C)	150nH	J,K	50	100/250	0.56	400	920
ACKCW0805-180nH/□(C)	180nH	J,K	50	100/250	0.64	400	920
ACKCW0805-220nH/□(C)	220nH	J,K	50	100/250	0.70	400	850
ACKCW0805-270nH/□(C)	270nH	J,K	48	100/250	1.00	350	730
ACKCW0805-330nH/□(C)	330nH	J,K	48	100/250	1.40	310	650
ACKCW0805-390nH/□(C)	390nH	J,K	48	100/250	1.50	290	600
ACKCW0805-470nH/□(C)	470nH	J,K	33	50/100	1.76	250	600
ACKCW0805-560nH/□(C)	560nH	J,K	23	25/50	1.90	230	330
ACKCW0805-680nH/□(C)	680nH	J,K	23	25/50	2.20	190	240
ACKCW0805-820nH/□(C)	820nH	J,K	23	25/50	2.35	180	310

● SPECIFICATION TABLE:

ACKCW0805 (C) Series

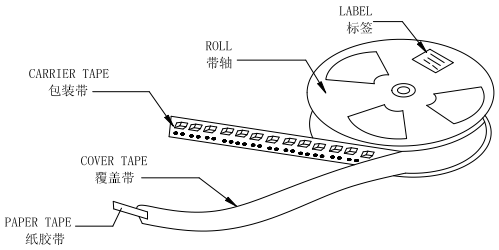
Part Number	Inductance	Tolerance	Min. Quality Factor	L/Q Test Freq.	Max. DC Resistance	Max. Rated Current	Self-resonant Frequency
Symbol	L		Q	Freq.	DCR	Irms	SRF (Min)
Units				MHz	Ω	mA	MHz
ACKCW0805-910nH/□(C)	910nH	J,K	22	25/50	2.45	170	250
ACKCW0805-1uH/□(C)	1uH	J,K	20	25/50	2.40	170	220

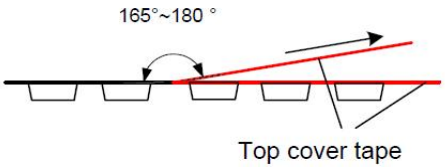
※□(C): Please specify the inductance tolerance code
(B=±0.1nH, C=±0.2nH, S=±0.3nH, D=±0.5nH, G=±2%, H=±3%, J=±5%, K=±10%).

● PACKAGING SPECIFICATION :

1. Packaging - Cover Tape

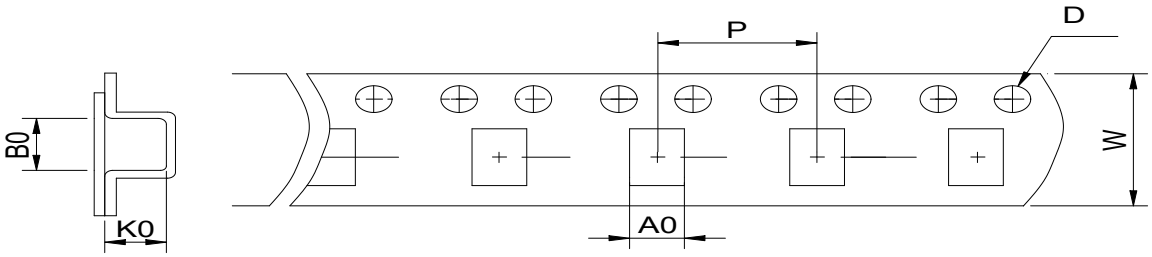
The force for tearing off cover tape is 10 to 100 grams in the arrow direction.

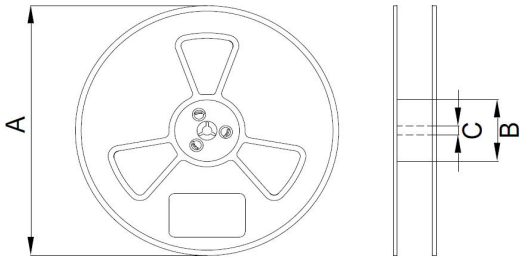




Peel-off speed: 300mm/min.

2. Packaging - Tape & Reel





Type	Tape Dimension (mm)						Reel Dimension (mm)			Quantity (Pcs/Reel)
	W	A0	B0	K0	D	P	A	B	C	
ACKCW0402 (C)	8	0.66	1.2	0.67	1.5	4	178	58	13	10Kpcs
ACKCW0603 (C)	8	1.1	1.75	1.1	1.5	4	178	58	13	4Kpcs
ACKCW0805 (C)	8	1.55	2.45	1.5	1.5	4	178	58	13	2Kpcs