



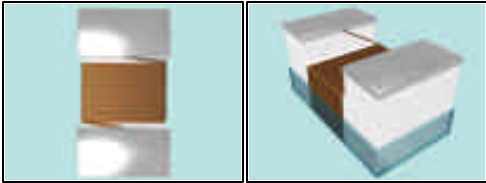
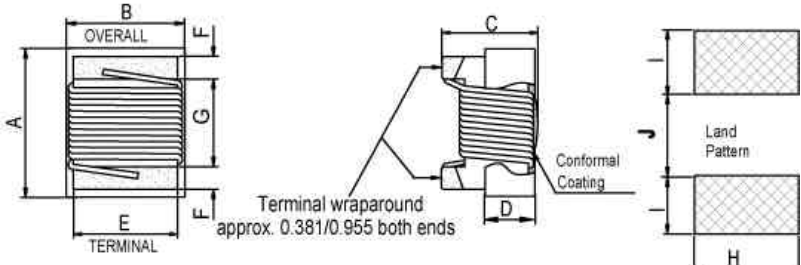
WIRE WOUND CHIP INDUCTORS

FEATURES

- Small size wound chip inductor with low DC resistance.
- Dimension without directional influence on mountability and characteristics.

APPLICATIONS

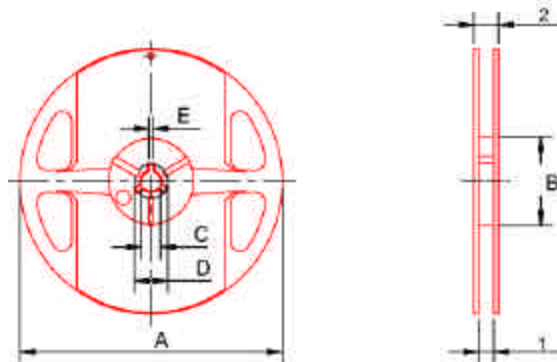
- Mobile communications
- DVD, MD, PDA
- Portable digital equipment

Model		Dimensions (mm)									
											
Model	A(max.)	B(max.)	C(max.)	D(ref.)	E±0.1	F±0.1	G±0.1	H±0.1	I±0.1	J±0.1	
CCSP 0805 C	2.25	1.70	1.42	0.70	1.27	0.51	1.03	1.78	1.02	0.76	
CCSP 0603 C	1.8	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64	

PART NO.

<p>CCSP <u>0805 C</u> <u>5N6</u> —</p> <p>A B C D</p>	<p>A : Model B : Dimensions code C : Inductance (For details please refer to the specification table.) D : Tolerance G : ± 2% J : ± 5% K : ± 10%</p>
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REEL DIMENSIONS (mm)

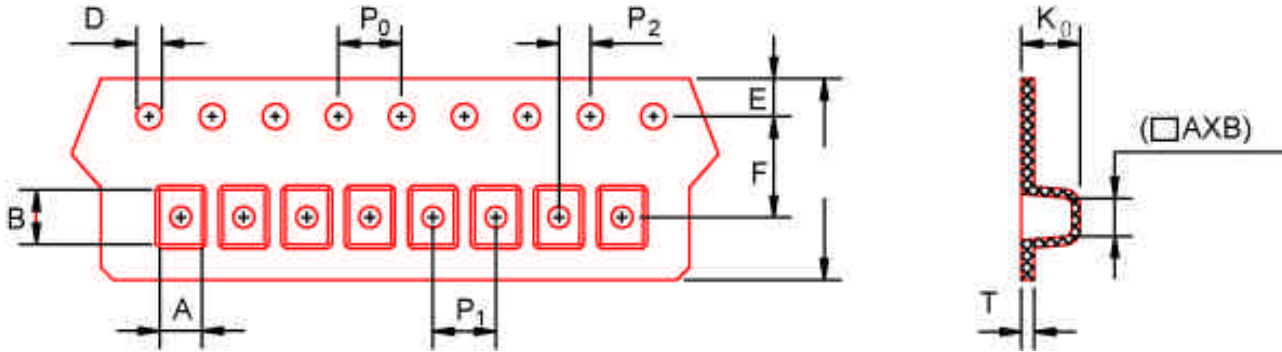


Model	A	B±2	C±0.5	D±0.8	E±0.5	W ₁ ±0.5	W ₂ ±0.8
CCSP 0805 C	∅180 ⁺⁰ / ₋₃	∅ 60	∅ 13	∅ 21	2.0	9	11.5
CCSP 0603 C							



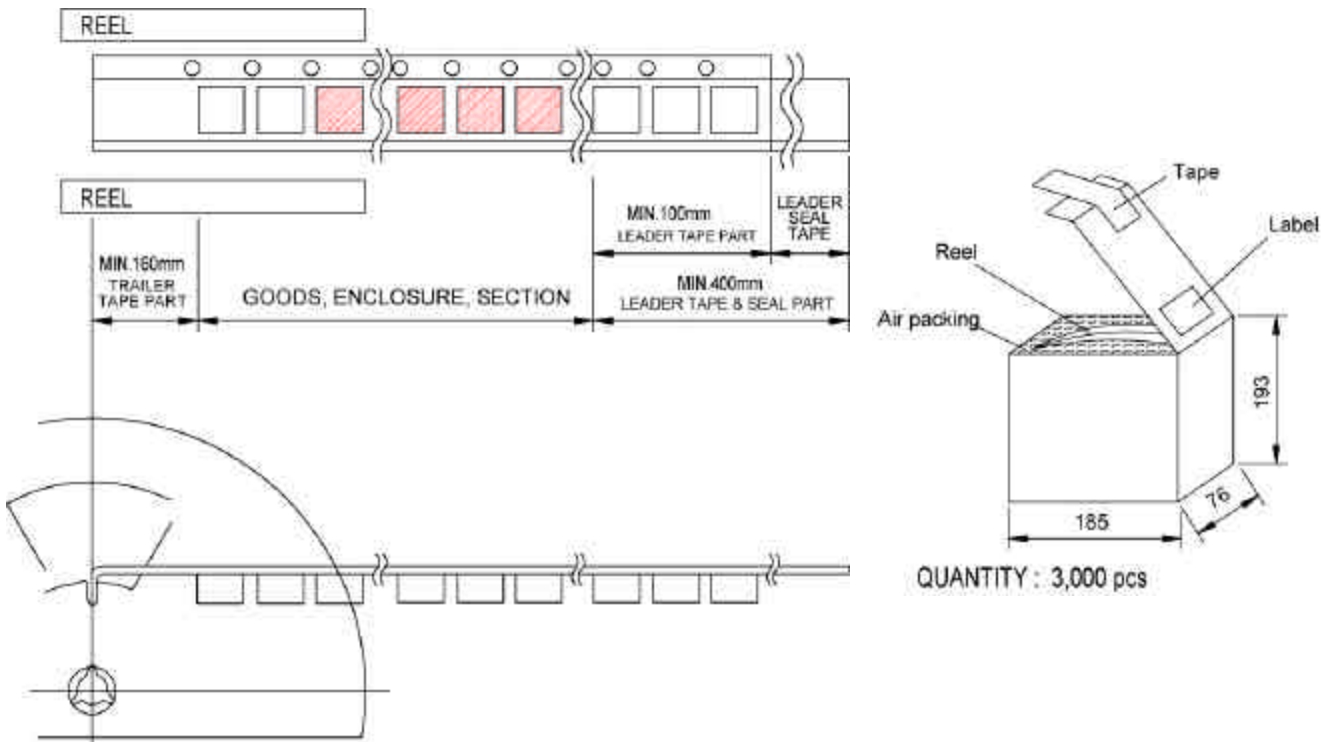
WIRE WOUND CHIP INDUCTORS

TAPING DIMENSIONS (mm)



Model	$A \pm 0.2$	$B \pm 0.1$	K_0 max.	T max.	$W \pm 0.3$	$P_0 \pm 0.1$	$P_1 \pm 0.1$	$P_2 \pm 0.5$	$D \pm 0.1$	$E \pm 0.1$	$F \pm 0.05$
CCSP 0805 C	2.0	2.6	2.0	0.3	8.0	4.0	4.0	2.0	$\varnothing 1.5$	1.75	3.5
CCSP 0603 C	1.17	2.02	1.2	0.242	8.0	4.0	4.0	2.0	$\varnothing 1.5$	1.75	3.5

PACKING DIMENSIONS (mm)





WIRE WOUND CHIP INDUCTORS

Specification table of Wire Wound Chip Inductors CCSP 0805 C

Part No.	Inductance		Test Freq. (MHz)	Q Min.	Test Freq. (MHz)	SRF. (MHz) min.	DCR, (Ohm) max.	DCI (mA) max.
	L (nH)	Tolerance *						
CCSP 0805 C 2N7	2.7	J, K	250	80	1500	7900	0.06	800
CCSP 0805 C 3N0	3.0	J, K	250	65	1500	7900	0.06	800
CCSP 0805 C 3N3	3.3	J, K	250	50	1500	7900	0.10	600
CCSP 0805 C 5N6	5.6	J, K	250	65	1000	5500	0.08	600
CCSP 0805 C 6N8	6.8	J, K	250	50	1000	5500	0.11	600
CCSP 0805 C 7N5	7.5	J, K	250	50	1000	4500	0.14	600
CCSP 0805 C 8N2	8.2	G, J, K	250	50	1000	4700	0.12	600
CCSP 0805 C 10N	10.0	G, J, K	250	60	500	4200	0.10	600
CCSP 0805 C 12N	12.0	G, J, K	250	50	500	4000	0.15	600
CCSP 0805 C 15N	15.0	G, J, K	250	50	500	3400	0.17	600
CCSP 0805 C 18N	18.0	G, J, K	250	50	500	3300	0.20	600
CCSP 0805 C 22N	22.0	G, J, K	250	55	500	2600	0.22	500
CCSP 0805 C 24N	24.0	G, J, K	250	50	500	2000	0.22	500
CCSP 0805 C 27N	27.0	G, J, K	250	55	500	2500	0.25	500
CCSP 0805 C 33N	33.0	G, J, K	250	60	500	2050	0.27	500
CCSP 0805 C 36N	36.0	G, J, K	250	55	500	1700	0.27	500
CCSP 0805 C 39N	39.0	G, J, K	250	60	500	2000	0.29	500
CCSP 0805 C 43N	43.0	G, J, K	250	60	500	1650	0.34	500
CCSP 0805 C 47N	47.0	G, J, K	200	60	500	1650	0.31	500
CCSP 0805 C 56N	56.0	G, J, K	200	60	500	1550	0.34	500
CCSP 0805 C 68N	68.0	G, J, K	200	60	500	1450	0.38	500
CCSP 0805 C 82N	82.0	G, J, K	150	65	500	1300	0.42	400
CCSP 0805 C 91N	91.0	G, J, K	150	65	500	1200	0.48	400
CCSP 0805 C R10	100.0	G, J, K	150	65	500	1200	0.46	400
CCSP 0805 C R11	110.0	G, J, K	150	50	250	1000	0.48	400
CCSP 0805 C R12	120.0	G, J, K	150	50	250	1100	0.51	400
CCSP 0805 C R15	150.0	G, J, K	100	50	250	920	0.56	400
CCSP 0805 C R18	180.0	G, J, K	100	50	250	870	0.64	400
CCSP 0805 C R22	220.0	G, J, K	100	50	250	850	0.70	400
CCSP 0805 C R24	240.0	G, J, K	100	44	250	690	1.0	350
CCSP 0805 C R27	270.0	G, J, K	100	48	250	650	1.0	350
CCSP 0805 C R33	330.0	G, J, K	100	48	250	600	1.4	310
CCSP 0805 C R39	390.0	G, J, K	100	48	250	560	1.5	290
CCSP 0805 C R47	470.0	J, K	50	33	100	375	1.76	250
CCSP 0805 C R56	560.0	J, K	25	23	50	340	1.90	230
CCSP 0805 C R68	680.0	J, K	25	23	50	188	2.20	190
CCSP 0805 C R82	820.0	J, K	25	23	50	215	2.35	180
CCSP 0805 C 1R0	1000.0	J, K	25	23	50	282	6.90	92

Testing instrument and conditions :

DCR : HP 34420A or equivalent

S.R.F. : HP 8720ES or equivalent

Inductance & Q : HP 4287A & HP 16193A or equivalent

DCI : based on a 20 maximum temperature rise.

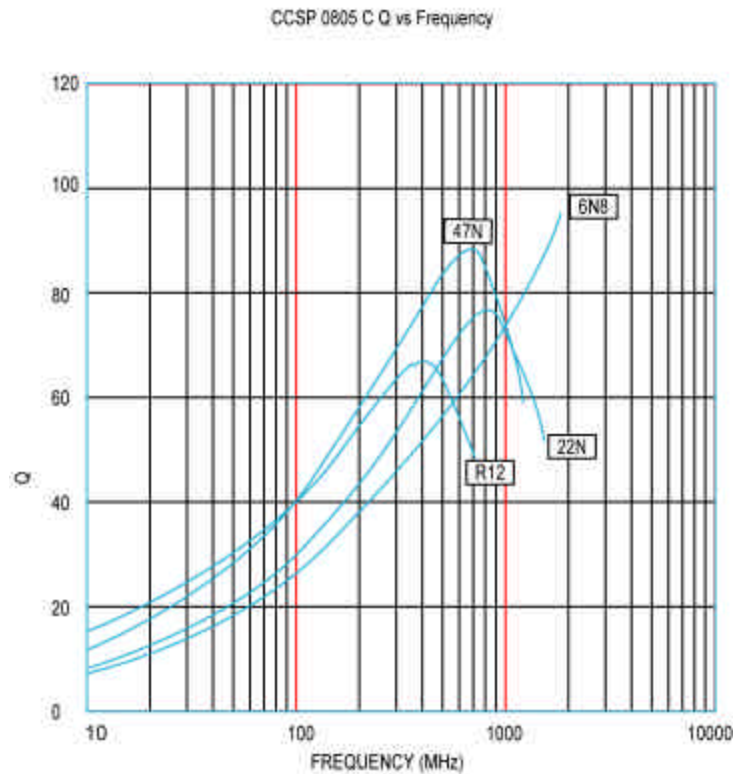
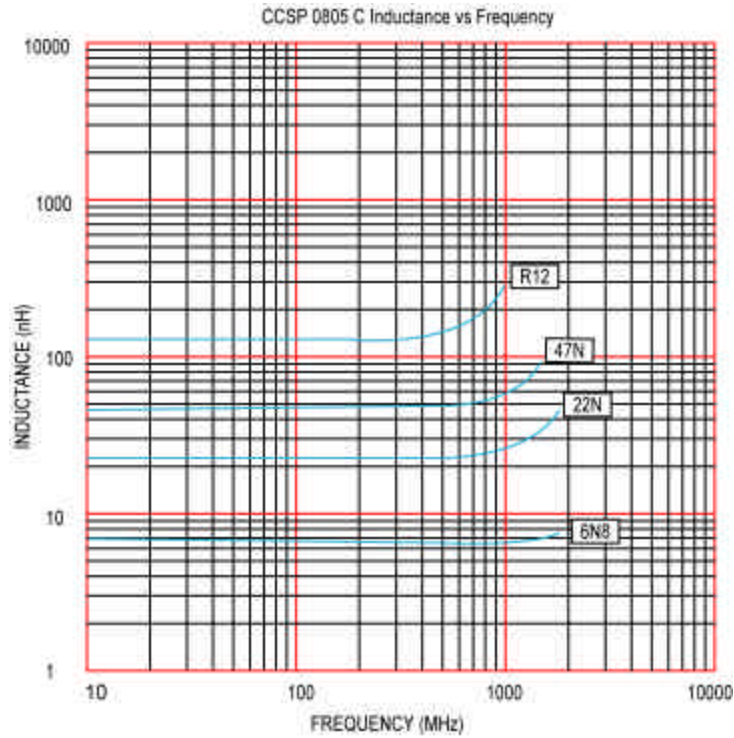
* Inductance tolerance : G = $\pm 2\%$, J = $\pm 5\%$, K = $\pm 10\%$

Specifications other than the above will be furnished upon request.



WIRE WOUND CHIP INDUCTORS

INDUCTANCE VS FREQUENCY CHARACTERISTICS OF CCSP0805C



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