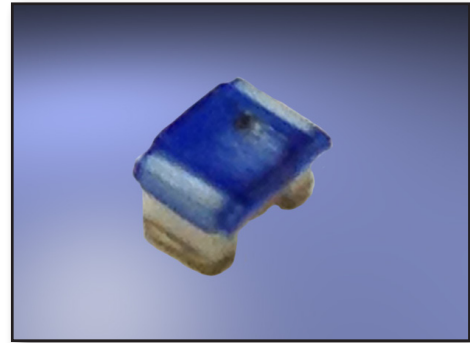


**Features :**

- Description: SMD ceramic core wire-wound chip inductor.
- Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio and video equipment, TV, radio and telecommunication equipment.
- Operating Temperature: -40°C to +125°C
- Inductance Tolerance:  $\pm 2\%$ ,  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 20\%$
- Testing: Inductance and Q are tested on an HP4284A at specified frequency.
- Packaging: Tape & reel, 2000pcs / 7" (178mm) reels.
- Marking: Reels are marked with inductance code and tolerance.
- Additional info available upon request.



Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	IDC Max. (mA)
AX1008CSF-033J	3.3	100	50	1000	6000	0.06	1000
AX1008CSF-030_*	3.9	50	40	1000	6000	0.05	1100
AX1008CSF-040_*	4.7	50	50	1500	4100	0.08	1000
AX1008CSF-068K	7.8	100	50	1000	5500	0.06	1000
AX1008CSF-080_*	8.2	50	40	1500	4200	0.07	1000
AX1008CSF-100_*	10	50	50	500	4100	0.08	1000
AX1008CSF-120_**	12	50	50	500	3300	0.09	1000
AX1008CSF-150_**	15	50	50	500	2500	0.10	1000
AX1008CSF-180_**	18	50	50	350	2500	0.11	1000
AX1008CSF-220_**	22	50	55	350	2400	0.12	1000
AX1008CSF-270_**	27	50	55	350	1600	0.13	1000
AX1008CSF-330_	33	50	60	350	1600	0.14	1000
AX1008CSF-390_	39	50	60	350	1500	0.15	1000
AX1008CSF-470_	47	50	65	350	1500	0.16	1000
AX1008CSF-560_	56	50	65	350	1300	0.18	1000
AX1008CSF-680_	68	50	65	350	1300	0.20	1000
AX1008CSF-820_	82	50	60	350	1000	0.22	1000
AX1008CSF-101_	100	25	60	350	1000	0.56	650
AX1008CSF-121_	120	25	60	350	950	0.63	650
AX1008CSF-151_	150	25	45	100	850	0.70	580
AX1008CSF-181_	180	25	45	100	750	0.77	620
AX1008CSF-221_	220	25	45	100	700	0.84	500
AX1008CSF-271_	270	25	45	100	600	0.91	500
AX1008CSF-331_	330	25	45	100	570	1.05	450
AX1008CSF-391_	390	25	45	100	500	1.12	470
AX1008CSF-471_	470	25	45	100	450	1.19	470
AX1008CSF-561_	560	25	45	100	415	1.33	400
AX1008CSF-621_	620	25	45	100	375	1.40	300
AX1008CSF-681_	680	25	45	100	375	1.47	400
AX1008CSF-751_	750	25	45	100	360	1.54	360
AX1008CSF-821_	820	25	45	100	350	1.61	400

**Tolerance Code G=  $\pm 2\%$ , J=  $\pm 5\%$ , K=  $\pm 10\%$ , M=  $\pm 20\%$**

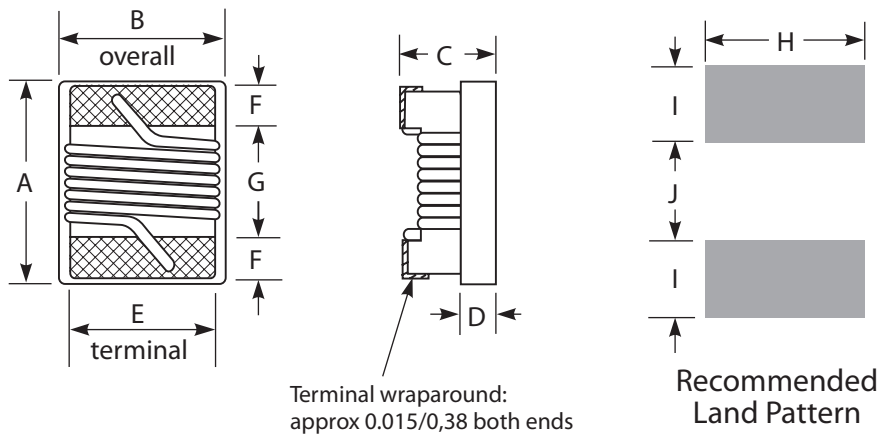
\* = K or M only \*\* = J, K or M only

Specifications are subject to change without notice.  
Customers should verify actual device performance in their specific applications.

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	IDC Max. (mA)
AX1008CSF-911_	910	25	35	50	320	1.68	380
AX1008CSF-102_	1000	25	35	50	290	1.75	370
AX1008CSF-122_	1200	7.9	35	50	250	2.0	310
AX1008CSF-152_	1500	7.9	28	50	200	2.3	330
AX1008CSF-182_	1800	7.9	28	50	160	2.6	300
AX1008CSF-222_	2200	7.9	28	50	160	2.8	280
AX1008CSF-272_	2700	7.9	22	25	140	3.2	290
AX1008CSF-332_	3300	7.9	22	25	110	3.4	290
AX1008CSF-392_	3900	7.9	20	25	100	3.6	260
AX1008CSF-472_	4700	7.9	20	25	90	4.0	260
AX1008CSF-562_	5600	7.9	20	7.9	20	4.0	240
AX1008CSF-682_	6800	7.9	20	7.9	40	4.9	200
AX1008CSF-822_	8200	7.9	20	7.9	25	6.0	170
AX1008CSF-103_	10000	7.9	20	7.9	25	12	100

**Tolerance Code G= ±2%, J= ±5%, K= ±10%, M= ±20%**

\* = K or M only \*\* = J, K or M only

**Dimensions :**


Size	A Max.	B Max.	C Max.	D	E	F	G	H	I	J
mm	2.92	2.79	2.03	0.51	2.03	0.51	1.52	2.54	1.02	1.27
inches	0.115	0.110	0.080	0.020	0.080	0.020	0.060	0.100	0.040	0.050