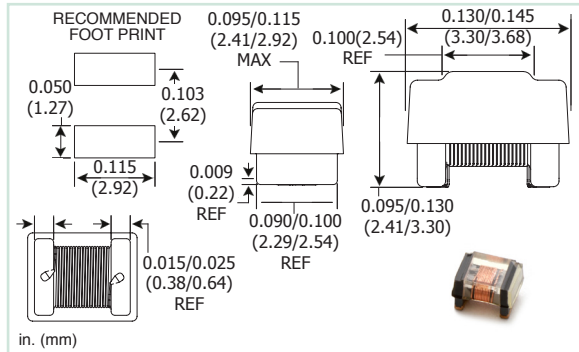


**CF4H1210** 

Ferrite High Performance Chip Inductor



PART NUMBER	L μH	L & Q TEST FREQ MHz	Q MIN	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC MAX
<b>FERRITE CORE</b>						
CF4H1210-100K	0.10	25	45	1100	0.07	2170
CF4H1210-120K	0.12	25	45	1100	0.07	2170
CF4H1210-150K	0.15	25	45	1050	0.08	1950
CF4H1210-180K	0.18	25	50	1050	0.09	1840
CF4H1210-220K	0.22	25	50	1000	0.10	1740
CF4H1210-270K	0.27	25	50	1000	0.10	1740
CF4H1210-330K	0.33	25	50	1000	0.11	1520
CF4H1210-390G	0.39	25	50	900	0.17	1220
CF4H1210-470G	0.47	25	45	400	0.20	1120
CF4H1210-560G	0.56	25	45	400	0.22	1070
CF4H1210-680G	0.68	25	45	375	0.25	1000
CF4H1210-820G	0.82	25	45	330	0.27	960
CF4H1210-101G	1.0	7.9	45	330	0.30	920
CF4H1210-121G	1.2	7.9	40	250	0.34	860
CF4H1210-151G	1.5	7.9	40	250	0.39	800
CF4H1210-181G	1.8	7.9	40	200	0.40	790
CF4H1210-221G	2.2	7.9	40	190	0.46	740
CF4H1210-271G	2.7	7.9	40	175	0.51	700
CF4H1210-331G	3.3	7.9	40	160	0.85	550
CF4H1210-391G	3.9	7.9	40	150	0.92	520
CF4H1210-471G	4.7	7.9	45	140	1.0	500
CF4H1210-561G	5.6	7.9	45	135	1.1	475
CF4H1210-681G	6.8	7.9	45	130	1.9	365
CF4H1210-821G	8.2	7.9	40	110	2.0	355
CF4H1210-102G	10	7.9	40	100	2.2	340
CF4H1210-122G	12	2.5	40	70	2.5	320
CF4H1210-152G	15	2.5	40	60	2.7	300
CF4H1210-182G	18	2.5	40	45	3.0	290
CF4H1210-222G	22	2.5	35	22	3.3	275
CF4H1210-272G	27	2.5	35	20	3.5	270
CF4H1210-332G	33	2.5	35	25	5.3	215
CF4H1210-392G	39	2.5	35	25	5.8	210
CF4H1210-472G	47	2.5	35	25	6.4	200
CF4H1210-562G	56	2.5	35	25	7.0	190
CF4H1210-682G	68	2.5	35	20	7.7	180
CF4H1210-822G	82	2.5	35	20	8.5	170
CF4H1210-103G	100	2.5	35	19	9.5	160

**NOTES:**

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 0.080 grams
- Suitable for Reflow soldering
- Flat top cover for pick and place
- Excellent for high frequency applications
- No internal solder connection increases reliability
- Very tight distribution within lots
- Extremely high SRF; Exceptional Q
- High current handling capability
- Low DC resistance
- When ordering, specify **tolerance:**

CF4H1210-100K

**Tolerance:** M = 20%, K = 10%, J = 5%, G = 2%  
(Table shows lowest standard tolerance option)  
*\*Optional tolerances are available; contact factory*

**Termination:** Gold over Nickel

- Custom designs are available to meet your specific requirements; please contact factory

**TAPE AND REEL SPECS:**

Pcs./Reel maximum:	1500
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.