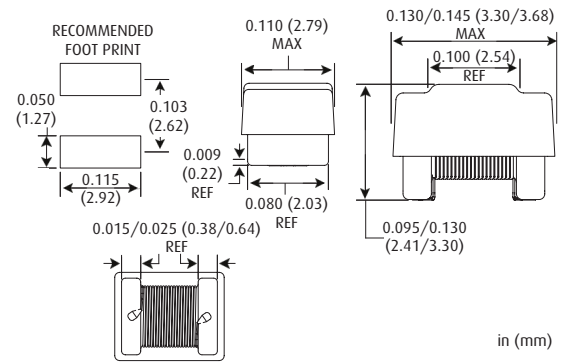


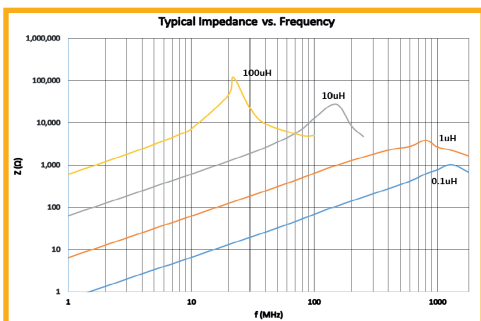
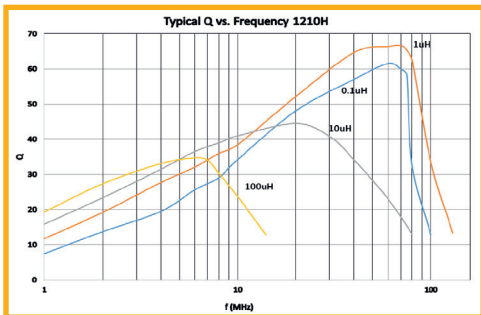
CF4H1210 SERIES
Ferrite High Performance Chip Inductor



PART NUMBER	L nH	L&Q TEST FREQ MHz	Q MIN	SRF MHZ MIN	DCR Ω MAX	CURRENT RATING mA DC MAX
FERRITE CORE						
CF4H1210-100K	0.10	25	45	1100	0.070	2170
CF4H1210-120K	0.12	25	45	1100	0.070	2170
CF4H1210-150K	0.15	25	45	1050	0.080	1950
CF4H1210-180K	0.18	25	50	1050	0.090	1840
CF4H1210-220K	0.22	25	50	1000	0.100	1740
CF4H1210-270K	0.27	25	50	1000	0.100	1740
CF4H1210-330K	0.33	25	50	1000	0.110	1520
CF4H1210-390G	0.39	25	50	900	0.170	1220
CF4H1210-470G	0.47	25	45	400	0.200	1120
CF4H1210-560G	0.56	25	45	400	0.220	1070
CF4H1210-680G	0.68	25	45	375	0.250	1000
CF4H1210-820G	0.82	25	45	330	0.270	960
CF4H1210-101G	1.0	7.9	45	330	0.300	920
CF4H1210-121G	1.2	7.9	40	250	0.340	860
CF4H1210-151G	1.5	7.9	40	250	0.390	800
CF4H1210-181G	1.8	7.9	40	200	0.400	790
CF4H1210-221G	2.2	7.9	40	190	0.460	740
CF4H1210-271G	2.7	7.9	40	175	0.510	700
CF4H1210-331G	3.3	7.9	40	160	0.850	550
CF4H1210-391G	3.9	7.9	40	150	0.920	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



in (mm)



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
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- Custom designs are available to meet your specific requirements; please contact factory

PART NUMBER DERIVATION

CF4H1210 - 100 K
 GEC Series ——— Inductance: 2 signif. digits & mult. ———
 ex: 100 = 0.10μH, 101 = 1.0μH, 102 = 10μH, 103 = 100μH
 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 (standard and RoHS compliant)

TAPE AND REEL SPECS

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