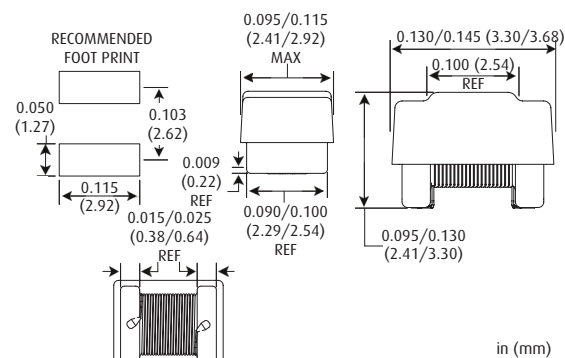
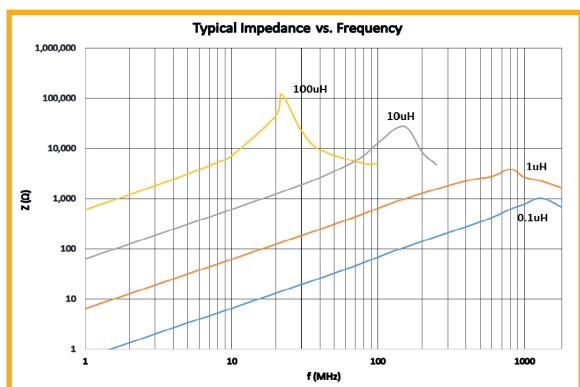
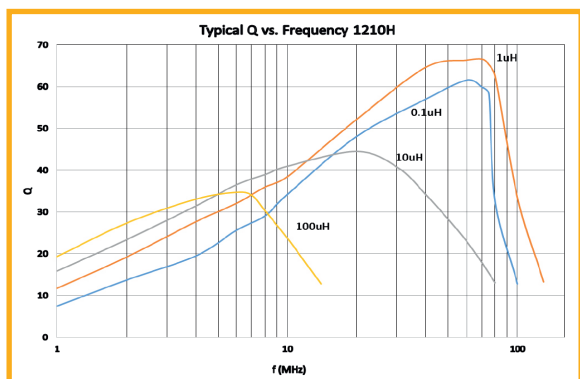


CC4H1210 SERIES

Ceramic High Performance Surface Mount Chip Inductor



PART NUMBER	L μ H	L&Q TEST FREQ MHz	Q MIN	SRF MHZ MIN	DCR Ω MAX	CURRENT RATING mA DC MAX
CERAMIC CORE						
CC4H1210-010K	10	50	45	4000	0.080	2000
CC4H1210-012G	12	50	45	3500	0.080	2000
CC4H1210-015G	15	50	45	3000	0.090	1900
CC4H1210-018G	18	50	40	2500	0.090	1900
CC4H1210-022G	22	50	40	2200	0.100	1700
CC4H1210-027G	27	50	40	2000	0.100	1700
CC4H1210-033G	33	50	40	1800	0.110	1520
CC4H1210-039G	39	50	40	1600	0.110	1520
CC4H1210-047G	47	50	40	1400	0.120	1450
CC4H1210-056G	56	50	40	1200	0.130	1400
CC4H1210-068G	68	50	40	1100	0.140	1340
CC4H1210-082G	82	50	40	1000	0.150	1300



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: 0.065 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

GEC Series **CC4H1210 010 K**
Inductance: 2 signif. digits & mult.
 ex: 010 = 10nH, 100 = 100nH
Tolerance: M = $\pm 20\%$, K = $\pm 10\%$, J = $\pm 5\%$
 (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.