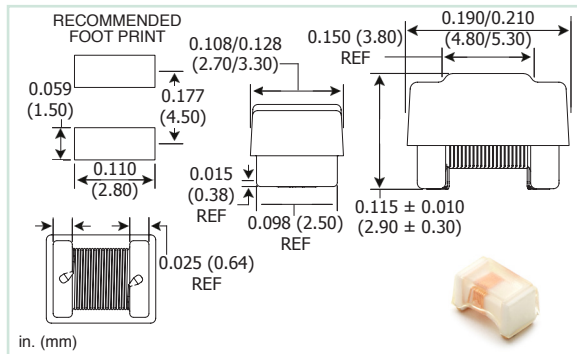


CC4H1812

Ceramic 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
CERAMIC CORE						
CC4H1812-010K	10	50	55	3700	0.060	2430
CC4H1812-012K	12	50	55	3300	0.060	2430
CC4H1812-015K	15	50	55	2900	0.060	2430
CC4H1812-018K	18	50	55	2600	0.070	2250
CC4H1812-022K	22	50	50	2400	0.080	2100
CC4H1812-027K	27	50	50	1800	0.080	2100
CC4H1812-033K	33	50	50	1500	0.110	1790
CC4H1812-039G	39	50	50	1400	0.120	1720
CC4H1812-047G	47	50	50	1300	0.135	1560
CC4H1812-056G	56	50	50	1200	0.135	1560
CC4H1812-068G	68	50	50	1100	0.135	1560
CC4H1812-082G	82	50	50	1000	0.135	1560
CC4H1812-100G	100	50	40	1000	0.135	1560

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:** 0.035 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:**
 - CC4H1812-010K
- 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:	500
Pitch between parts:	8 mm
Tape width:	16 mm
Reel diameter:	7 in.