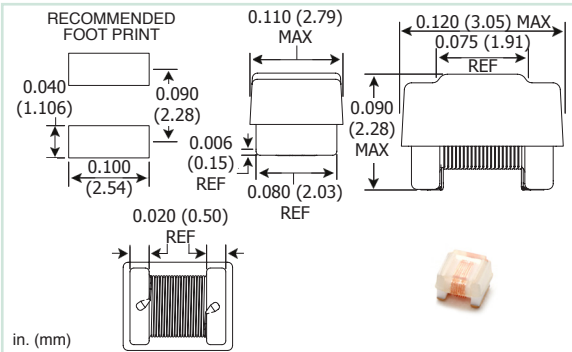


**CC4H1008** 

Ceramic High Performance Chip Inductor



PART NUMBER	L nH	L TEST FREQ MHz	Q MIN	Q TEST FREQ MHz	SRF MHz MIN	DCR Ω MAX	CURRENT RATING mA DC MAX
<b>CERAMIC CORE</b>							
CC4H1008-0082M	8.2	50	50	500	3200	0.09	1840
CC4H1008-010K	10	50	50	500	3100	0.09	1840
CC4H1008-012K	12	50	55	500	3000	0.10	1740
CC4H1008-015K	15	50	60	400	2800	0.10	1740
CC4H1008-018K	18	50	65	350	2600	0.11	1600
CC4H1008-022K	22	50	70	350	2400	0.11	1600
CC4H1008-027K	27	50	70	350	2200	0.12	1520
CC4H1008-033K	33	50	70	350	2000	0.13	1460
CC4H1008-039K	39	50	75	350	1800	0.14	1340
CC4H1008-047K	47	50	75	350	1550	0.14	1340
CC4H1008-056J	56	50	75	350	1400	0.16	1260
CC4H1008-068J	68	50	70	350	1300	0.18	1190
CC4H1008-082J	82	50	70	350	1200	0.20	1120
CC4H1008-100J	100	25	70	350	1100	0.21	1100

**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:**

CC4H1008-0082M

**Tolerance:** M = 20%, K = 10%, J = 5%  
(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:	2000
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.