

**CC0805**

**Ceramic Wirewound, Open Construction**
**Outgassing Tested per ASTM E-595 (\*)**

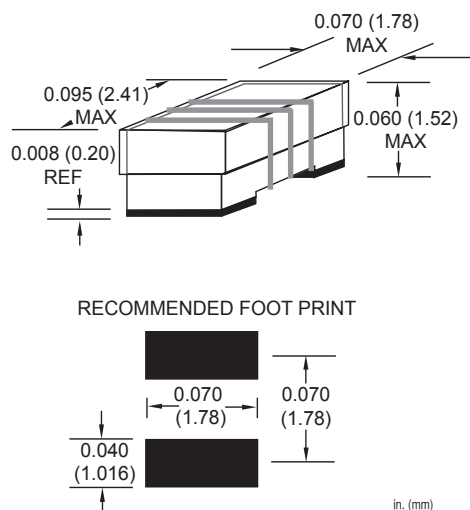
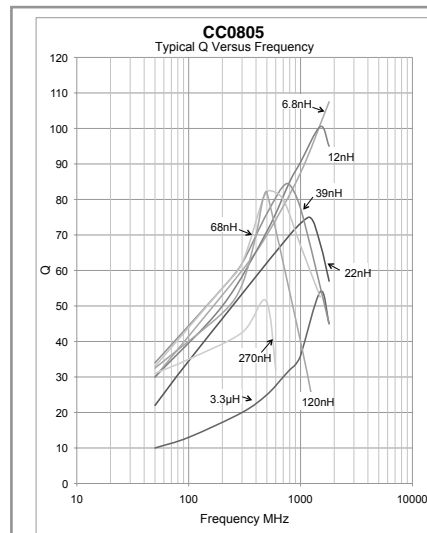

PART NUMBER	L nH	L TEST FREQ MHz	Q MIN	Q FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC MAX
CERAMIC CORE							
CC0805-0022K	2.2	250	55	1800	6000	0.080	1000
CC0805-0027K	2.7	250	55	1800	6000	0.080	1000
CC0805-0033K	3.3	250	50	1500	6000	0.080	1000
CC0805-0047K	4.7	250	60	1500	5000	0.080	1000
CC0805-0056* <sup>1</sup>	5.6	250	60	1500	5000	0.090	1000
CC0805-0068* <sup>1</sup>	6.8	250	60	1500	4600	0.110	1000
CC0805-0082* <sup>1</sup>	8.2	250	55	1500	4600	0.120	970
CC0805-010* <sup>1</sup>	10	250	60	1500	4500	0.130	930
CC0805-012* <sup>2</sup>	12	250	65	500	4000	0.150	870
CC0805-015* <sup>2</sup>	15	250	50	500	2800	0.170	810
CC0805-018* <sup>2</sup>	18	250	50	500	2600	0.200	750
CC0805-022* <sup>2</sup>	22	250	55	500	2300	0.220	720
CC0805-027* <sup>2</sup>	27	250	55	500	2300	0.250	670
CC0805-033* <sup>2</sup>	33	250	60	500	2000	0.270	650
CC0805-039* <sup>2</sup>	39	250	60	500	2000	0.290	625
CC0805-047* <sup>2</sup>	47	250	60	500	1900	0.310	600
CC0805-056* <sup>2</sup>	56	250	50	500	1600	0.340	570
CC0805-068* <sup>2</sup>	68	250	50	500	1500	0.380	540
CC0805-082* <sup>2</sup>	82	150	55	500	1330	0.420	520
CC0805-100* <sup>2</sup>	100	150	55	500	1250	0.460	490
CC0805-120* <sup>2</sup>	120	150	45	250	1100	0.510	470
CC0805-150* <sup>2</sup>	150	100	45	250	920	0.700	400
CC0805-180* <sup>2</sup>	180	100	45	250	920	0.800	370
CC0805-220* <sup>2</sup>	220	100	45	250	820	1.20	300
CC0805-270* <sup>2</sup>	270	100	40	200	730	1.20	300
CC0805-330* <sup>2</sup>	330	100	40	200	750	1.80	250
CC0805-390* <sup>2</sup>	390	100	40	200	700	2.00	230
CC0805-470* <sup>2</sup>	470	100	40	200	600	3.00	210
CC0805-560* <sup>2</sup>	560	100	40	200	500	3.50	180
CC0805-680* <sup>2</sup>	680	50	40	200	450	4.00	170
CC0805-820* <sup>2</sup>	820	25	15	25	250	2.50	210
CC0805-101* <sup>2</sup>	1000	25	15	25	250	3.00	195
CC0805-181* <sup>2</sup>	1800	7.9	15	7.9	50	4.50	150
CC0805-221* <sup>2</sup>	2200	7.9	15	7.9	40	5.00	140

\*<sup>1</sup> Substitute "K" for 10% tolerance or "J" for 5% tolerance

\*<sup>2</sup> Substitute "K" for 10% tolerance, "J" for 5% tolerance or "G" for 2% tolerance

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

**These RoHS components meet the  $\leq 0.1\%$  lead requirement and they are compatible with 260°C soldering processes.**


**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
- Terminations are Gold Plated Nickel
- Inductance and Q measured using the HP4291A
- SRF measured using the HP8753C
- Suitable for Reflow soldering
- Flat Top Cover for Pick and Place
- Excellent for high frequency applications
- \* Meets a TML (Total Mass Loss) requirement of 1.0% maximum when tested in accordance with ASTM E-595; this calculation does not include WVR (Water Vapor Recovered)

**TAPE AND REEL SPECS:**

Pcs./Reel maximum	2500
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.