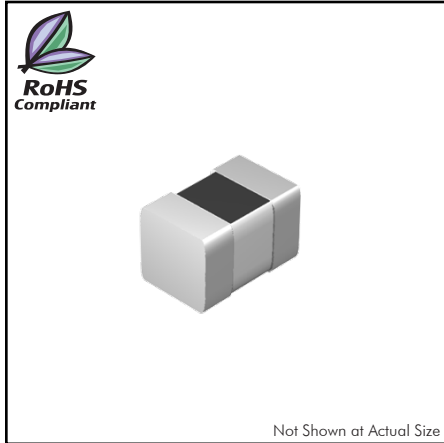


CTLL1608F-FH Series

From 1.0nH to 390nH



SPECIFICATIONS

Please specify tolerance code when ordering.
S = ±0.3nH, J = ±5%, K = ±10%

Part Number	Inductance (nH)	Tolerance (±%)	Test Freq. (MHz)	Q Min.	SRF Typ. (MHz)	DCR Max. (Ω)	IDC Max. (mA)
CTLL1608F-FH1N0S	1.0	±0.3nH	100	8	10000	0.10	600
CTLL1608F-FH1N2S	1.2	±0.3nH	100	8	10000	0.10	600
CTLL1608F-FH1N5S	1.5	±0.3nH	100	8	8000	0.10	600
CTLL1608F-FH1N8S	1.8	±0.3nH	100	8	8000	0.10	600
CTLL1608F-FH2N2S	2.2	±0.3nH	100	8	7200	0.10	600
CTLL1608F-FH2N7S	2.7	±0.3nH	100	10	6200	0.10	600
CTLL1608F-FH3N3_	3.3	±0.3nH/10	100	10	5200	0.12	600
CTLL1608F-FH3N9_	3.9	±0.3nH/10	100	10	5000	0.14	600
CTLL1608F-FH4N7_	4.7	±0.3nH/10	100	10	4750	0.16	600
CTLL1608F-FH5N6_	5.6	±0.3nH/10	100	10	4100	0.18	600
CTLL1608F-FH6N8_	6.8	5 / 10	100	10	3750	0.22	600
CTLL1608F-FH8N2_	8.2	5 / 10	100	10	3300	0.24	600
CTLL1608F-FH10N_	10	5 / 10	100	12	3000	0.26	600
CTLL1608F-FH12N_	12	5 / 10	100	12	2600	0.28	600
CTLL1608F-FH15N_	15	5 / 10	100	12	2500	0.32	600
CTLL1608F-FH18N_	18	5 / 10	100	12	2400	0.35	600
CTLL1608F-FH22N_	22	5 / 10	100	12	2000	0.40	500
CTLL1608F-FH27N_	27	5 / 10	100	12	1900	0.45	500
CTLL1608F-FH33N_	33	5 / 10	100	12	1600	0.55	400
CTLL1608F-FH39N_	39	5 / 10	100	12	1400	0.60	400
CTLL1608F-FH47N_	47	5 / 10	100	12	1300	0.70	400
CTLL1608F-FH56N_	56	5 / 10	100	12	1100	0.75	400
CTLL1608F-FH62N_	62	5 / 10	100	12	1050	0.85	400
CTLL1608F-FH68N_	68	5 / 10	100	12	1050	0.85	400
CTLL1608F-FH82N_	82	5 / 10	100	12	900	1.00	300
CTLL1608F-FHR10_	100	5 / 10	100	12	770	1.20	300
CTLL1608F-FHR12_	120	5 / 10	50	8	650	1.30	300
CTLL1608F-FHR15_	150	5 / 10	50	8	550	1.70	250
CTLL1608F-FHR18_	180	5 / 10	50	8	520	1.90	250
CTLL1608F-FHR22_	220	5 / 10	50	8	500	2.00	250
CTLL1608F-FHR27_	270	5 / 10	50	8	470	2.20	150
CTLL1608F-FHR33_	330	5 / 10	50	8	320	2.80	100
CTLL1608F-FHR39_	390	5 / 10	50	8	300	3.00	100

CHARACTERISTICS

Description: Ceramic core, multi-layer chip inductor for high frequency applications.

Applications: Portable telephones, PMS, pages and miscellaneous high frequency circuits.

Operating Temperature: -40°C to 125°C

IDC: Applied current to coils, the inductance shall be less than 10% of the initial value.

Inductance Tolerance: ±0.3nH, ±5% & ±10%

Testing: Inductance and Q are tested on an HP4286A at specified frequency.

Packaging: Tape & Reel.

Marking: Reels marked with inductance code and tolerance.

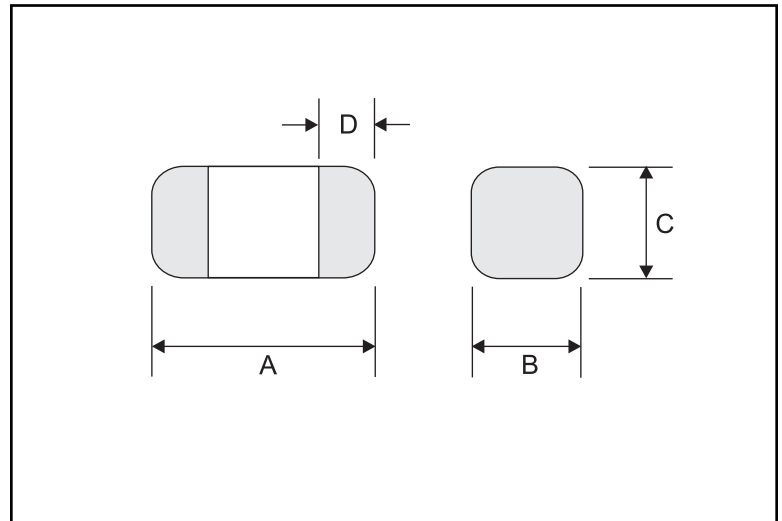
Miscellaneous: **RoHS Compliant.**

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
inches	0.06±0.006	0.03±0.006	0.03±0.006	0.01±0.008



PAD LAYOUT

