

CTLL2012F Series

From 1.5 nH to 470 nH

ENGINEERING KIT #6F



SPECIFICATIONS

Please specify tolerance code when ordering.
 CTLL2012F-3N3 ← S = ±0.3nH, J = ±5%, K = ±10%
 * S or K only **J or K only

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Typ. (MHz)	DCR Max. (Ω)	Rated DC (mA)
CTLL2012F-1N5S	1.5	100	10	100	>6000	.10	300
CTLL2012F-1N8S	1.8	100	10	100	>6000	.10	300
CTLL2012F-2N2S	2.2	100	10	100	>6000	.10	300
CTLL2012F-2N7S	2.7	100	12	100	>6000	.12	300
CTLL2012F-3N3*	3.3	100	12	100	>6000	.13	300
CTLL2012F-3N9*	3.9	100	12	100	5600	.15	300
CTLL2012F-4N7*	4.7	100	12	100	5500	.20	300
CTLL2012F-5N6*	5.6	100	12	100	4700	.23	300
CTLL2012F-6N8**	6.8	100	15	100	3900	.25	300
CTLL2012F-8N2**	8.2	100	15	100	3200	.28	300
CTLL2012F-10N**	10	100	15	100	3100	.30	300
CTLL2012F-12N**	12	100	15	100	2800	.35	300
CTLL2012F-15N**	15	100	15	100	2400	.40	300
CTLL2012F-18N**	18	100	15	100	2100	.45	300
CTLL2012F-22N**	22	100	15	100	2000	.50	300
CTLL2012F-27N**	27	100	15	100	1800	.55	300
CTLL2012F-33N**	33	100	15	100	1700	.60	300
CTLL2012F-39N**	39	100	18	100	1400	.65	300
CTLL2012F-47N**	47	100	18	100	1200	.70	300
CTLL2012F-56N**	56	100	18	100	1000	.75	300
CTLL2012F-68N**	68	100	18	100	900	.80	300
CTLL2012F-82N**	82	100	18	100	900	.85	300
CTLL2012F-R10**	100	100	18	100	700	.90	300
CTLL2012F-R12**	120	50	13	50	600	.95	300
CTLL2012F-R15**	150	50	13	50	500	1.0	300
CTLL2012F-R18**	180	50	13	50	430	1.1	300
CTLL2012F-R22**	220	50	12	50	400	1.2	300
CTLL2012F-R27**	270	50	12	50	340	1.3	300
CTLL2012F-R33**	330	50	12	50	320	1.5	300
CTLL2012F-R39**	390	50	10	50	270	1.6	300
CTLL2012F-R47**	470	50	10	50	250	1.8	300

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 +100°C

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.

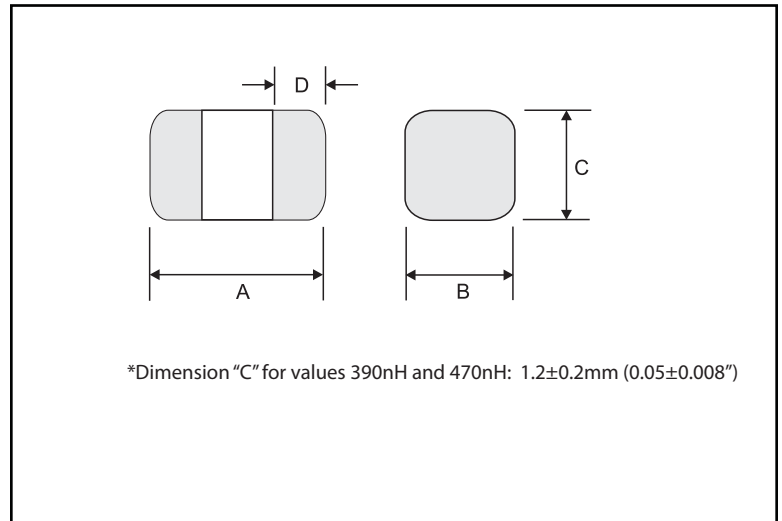
Miscellaneous: **RoHS Compliant.** Other values available.

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

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	*C	D
mm	2.0±0.2	1.20±0.2	0.9±0.2	0.50±0.30
inches	0.08±0.008	0.05±0.008	0.04±0.008	0.02±0.01



PAD LAYOUT

