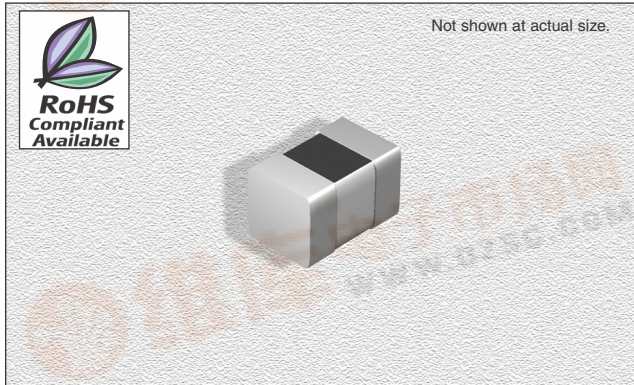


查询"CTLL1608F-FHR10"供应商

CTLL1608FH Series

From 1.0 nH to 220 nH

ENGINEERING KIT #6F



CHARACTERISTICS

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

Applications: Portable telephones, PMS, pagers and miscellaneous high frequency circuits

Operating Temperature: -40°C to +100°C

Inductance Tolerance: $\pm 0.3\text{nH}$, $\pm 5\%$, $\pm 10\%$

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

Packaging: Tape & Reel

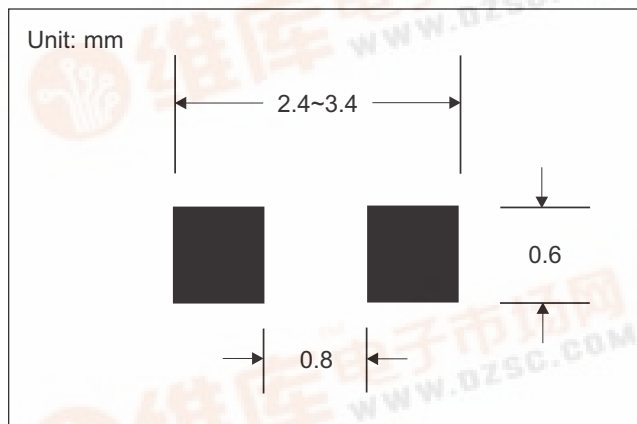
Marking: Reels marked with inductance code and tolerance

Miscellaneous: RoHS Compliant available.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

Please specify tolerance code when ordering.

CTLL1608-FH3N3 $\leftarrow$ S = $\pm 0.3\text{nH}$, J = $\pm 5\%$, K = $\pm 10\%$
 * S, K only ** J, K only

CTLL1608F Please specify "F" for RoHS compliant

Part Number	L (nH)	Q Min. at (MHz)		Q Typ. at (MHz)				SRF Typ. (MHz)	DCR Max (Ω)	IDC Max. (mA)
		50	100	50	100	300	500	800		
CTLL1608_-FH1N0S	1.0	8		12				60	10000	0.10
CTLL1608_-FH1N2S	1.2	8		13				60	10000	0.10
CTLL1608_-FH1N5S	1.5	8		13				57	8000	0.10
CTLL1608_-FH1N8S	1.8	8		13				51	8000	0.10
CTLL1608_-FH2N2S	2.2	8		13				46	7200	0.10
CTLL1608_-FH2N7S	2.7	10		13				46	6200	0.10
CTLL1608_-FH3N3*	3.3	10		13				47	5200	0.12
CTLL1608_-FH3N9*	3.9	10		13				47	5000	0.14
CTLL1608_-FH4N7*	4.7	10		13				41	4750	0.16
CTLL1608_-FH5N6*	5.6	10		13				41	4100	0.18
CTLL1608_-FH6N8**	6.8	10		13				44	3750	0.22
CTLL1608_-FH8N2**	8.2	10		13				44	3300	0.24
CTLL1608_-FH10N**	10	12		13				45	3000	0.26
CTLL1608_-FH12N**	12	12		15				46	2600	0.28
CTLL1608_-FH15N**	15	12		15				48	2500	0.32
CTLL1608_-FH18N**	18	12		15				48	2400	0.35
CTLL1608_-FH22N**	22	12		17				45	2000	0.40
CTLL1608_-FH27N**	27	12		17				43	1900	0.45
CTLL1608_-FH33N**	33	12		18				39	1600	0.55
CTLL1608_-FH39N**	39	12		18		37		1400	0.60	300
CTLL1608_-FH47N**	47	12		18		35		1300	0.70	300
CTLL1608_-FH56N**	56	12		18		32		1100	0.75	300
CTLL1608_-FH62N**	62	12		18		34		1050	0.85	300
CTLL1608_-FH68N**	68	12		18		34		1050	0.85	300
CTLL1608_-FH82N**	82	12		18		32		900	1.0	300
CTLL1608_-FHR10**	100	12		18		20		770	1.2	300
CTLL1608_-FHR12**	120	8	14	20				850	2.3	250
CTLL1608_-FHR15**	150	8	15	16				550	2.4	250
CTLL1608_-FHR18**	180	8	15	16				520	2.7	250
CTLL1608_-FHR22**	220	8	15	16				500	3.0	250

PHYSICAL DIMENSIONS

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

05.14.07

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

Copyright © 2007 by CT Magnetics, DBA Central Technologies. All rights reserved.

CT Magnetics reserves the right to make improvements or change specifications without notice

