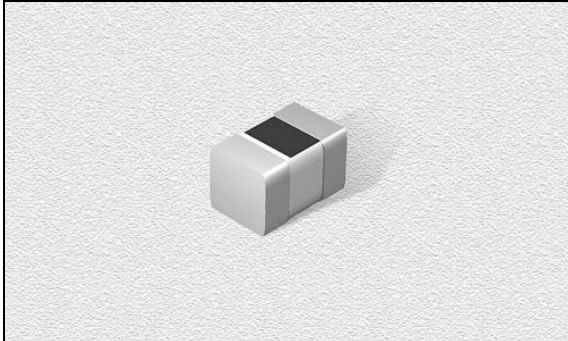


GVLL1608FH Series

From 1.0 nH to 180 nH



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: ±0.3nH, ±5%, ±10%

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

Packaging: Tape & Reel

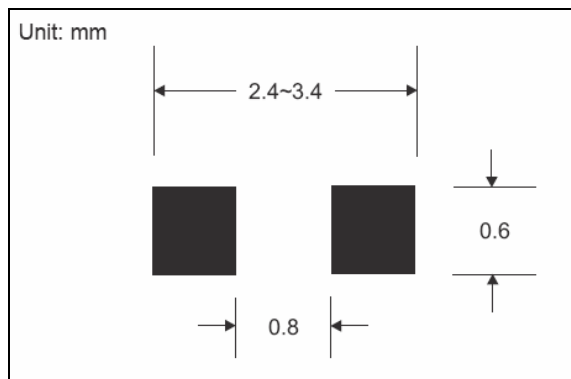
Marking: Reels marked with inductance code and tolerance

Miscellaneous: RoHS Compliant 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.
GVLL1608-FH3N3_ ← S = ±0.3nH, J = ±5%, K = ±10%
* S, K only ** J, K only

GVLL1608F 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			
GVLL1608_-FH1N0S	1.0	8	12	60	10000	0.10	500			
GVLL1608_-FH1N2S	1.2	8	13	60	10000	0.10	500			
GVLL1608_-FH1N5S	1.5	8	13	57	8000	0.10	500			
GVLL1608_-FH1N8S	1.8	8	13	51	8000	0.10	500			
GVLL1608_-FH2N2S	2.2	8	13	46	7200	0.10	500			
GVLL1608_-FH2N7S	2.7	10	13	46	6200	0.10	500			
GVLL1608_-FH3N3_*	3.3	10	13	47	5200	0.12	500			
GVLL1608_-FH3N9_*	3.9	10	13	47	5000	0.14	500			
GVLL1608_-FH4N7_*	4.7	10	13	41	4750	0.16	500			
GVLL1608_-FH5N6_*	5.6	10	13	41	4100	0.18	500			
GVLL1608_-FH6N8_**	6.8	10	13	44	3750	0.22	500			
GVLL1608_-FH8N2_**	8.2	10	13	44	3300	0.24	500			
GVLL1608_-FH10N_**	10	12	13	45	3000	0.26	300			
GVLL1608_-FH12N_**	12	12	15	46	2600	0.28	300			
GVLL1608_-FH15N_**	15	12	15	48	2500	0.32	300			
GVLL1608_-FH18N_**	18	12	15	48	2400	0.35	300			
GVLL1608_-FH22N_**	22	12	17	45	2000	0.40	300			
GVLL1608_-FH27N_**	27	12	17	43	1900	0.45	300			
GVLL1608_-FH33N_**	33	12	18	39	1600	0.55	300			
GVLL1608_-FH39N_**	39	12	18	37	1400	0.60	300			
GVLL1608_-FH47N_**	47	12	18	35	1300	0.70	300			
GVLL1608_-FH56N_**	56	12	18	32	1100	0.75	300			
GVLL1608_-FH62N_**	62	12	18	34	1050	0.85	300			
GVLL1608_-FH68N_**	68	12	18	34	1050	0.85	300			
GVLL1608_-FH82N_**	82	12	18	32	900	1.0	300			
GVLL1608_-FHR10_**	100	12	18	20	770	1.2	300			
GVLL1608_-FHR12_**	120	8	14	20	850	2.3	250			
GVLL1608_-FHR15_**	150	8	15	16	550	2.4	250			
GVLL1608_-FHR18_**	180	8	15	16	520	2.7	250			

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

