

CERAMIC MULTILAYER CHIP INDUCTOR

FEATURES

- Lamina Ceramic allows high SRF
- Small size(1.6X0.8X0.8mm)
- High-Q, Stable Inductance
- Operating Temperature:-30°C~+85°C.



HOW TO ORDER

VHF	201209	H	4N7	S	T
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Product Code	Dimension		Material Code	Nominal inductance	Tolerance		Packaging Style	
VHF	160808	1.6x0.8x0.8	H	3N3=3.3 18N=18 R10=100	S	±0.3nH	B	Bulk
	201209	2.0x1.2x0.9			D	±0.5nH	T	Tape & Reel
					J	±5%		
					K	±10%		
					M	±20%		

SHAPE AND DIMENSIONS

	Dimensions Item	A	B	C	D
	VHF201209	2.0±0.2	1.25±0.2	0.9±0.25	0.5±0.3
	VHF160808	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2

VHF SERIES - TYPE 1608

Part number	Inductance(nH) 100Hz	Q Min. 100MHz	Q Typical		SRF (MHz)MIN	DC Resistance (Ω)Max	Rated Current (mA)Max.
			100MHz	800MHz			
VHF160808H1N0S	1.0	8	10	35	10000	0.05	500
VHF160808H1N2S	1.2	8	10	40	>6000	0.10	300
VHF160808H1N5S	1.5	8	10	38	>6000	0.10	300
VHF160808H1N8S	1.8	8	10	36	>6000	0.10	300
VHF160808H2N2S	2.2	8	10	34	>6000	0.10	300
VHF160808H2N7S	2.7	8	10	32	>6000	0.15	300
VHF160808H3N3	3.3	8	10	30	>6000	0.15	300
VHF160808H3N9	3.9	8	10	32	>6000	0.15	300
VHF160808H4N7	4.7	8	10	32	>6000	0.20	300
VHF160808H5N6	5.6	8	11	32	>5000	0.20	300
VHF160808H6N8	6.8	8	11	32	>5000	0.25	300
VHF160808H8N2	8.2	8	11	28	>4000	0.25	300
VHF160808H10N	10	88	11	31	>3500	0.30	300
VHF160808H12N	12	8	11	30	>3000	0.35	300
VHF160808H15N	15	8	11	26	>2800	0.40	300
VHF160808H18N	18	8	11	25	>2600	0.45	300
VHF160808H22N	22	8	14	30	>2300	0.50	300
VHF160808H27N	27	8	14	26	>2000	0.55	300
VHF160808H33N	33	8	14	24	>1700	0.60	300
VHF160808H39N	39		14	20	>1500	0.65	300
VHF160808H47N	47	8	14	18	>1200	0.70	300
VHF160808H56N	56	8	15	14	>1100	0.75	300
VHF160808H68N	68	8	15	18	>1000	0.80	300
VHF160808H82N	82	8	15	18	>900	0.85	300
VHF160808HR10	100	8	15	3	>800	0.90	300
VHF160808HR12J	120	8	15		>600	1.2	150
VHF160808HR15J	150	8	13		>500	1.5	150

CERAMIC MULTILAYER CHIP INDUCTOR

VHF SERIES – TYPE 2012

Part number	Inductance (nH) 100Hz	Q Min. 100MHz	Q Typical		SRF (MHz)MIN	DC Resistance (Ω)Max	Rated Current (mA)Max.
			100MHz	800MHz			
VHF201209H1N5S	1.5	8	13	40	>6000	0.10	300
VHF201209H1N8S	1.8	8	13	45	>6000	0.10	300
VHF201209H2N2S	2.2	8	13	48	>6000	0.10	300
VHF201209H2N7S	2.7	8	12	36	>6000	0.10	300
VHF201209H3N3	3.3	8	13	56	>6000	0.13	300
VHF201209H3N9	3.9	8	15	54	>5400	0.15	300
VHF201209H4N7	4.7	8	15	50	>4500	0.20	300
VHF201209H5N6	5.6	8	15	53	>4000	0.23	300
VHF201209H6N8	6.8	8	15	51	>3650	0.25	300
VHF201209H8N2	8.2	8	15	53	>3000	0.28	300
VHF201209H10N	10	8	16	45	>2500	0.30	300
VHF201209H12N	12	8	16	48	>2450	0.35	300
VHF201209H15N	15	8	17	48	>2000	0.40	300
VHF201209H18N	18	8	17	43	>2800	0.45	300
VHF201209H22N	22	8	17	47	>1750	0.50	300
VHF201209H27N	27	8	18	38	>1550	0.55	300
VHF201209H33N	33	8	18	35	>1350	0.60	300
VHF201209H39N	39	8	18	40	>1300	0.65	300
VHF201209H47N	47	8	18	33	>1200	0.70	300
VHF201209H56N	56	8	19	31	>1150	0.75	300
VHF201209H68N	68	8	19	28	>1000	0.85	300
VHF201209H82N	82	8	20	9	>850	0.90	300
VHF201209HR10J	100	8	18		>730	1.00	300
VHF201209HR12J	120	8	19		650	1.30	250
VHF201209HR15J	150	8	20		550	1.50	250
VHF201209HR18J	180	10	19		500	1.8	300
VHF201209HR22J	220	10	19		500	1.8	300

ELECTRICAL CHARACTERISTICS

VHF Series (VHF Band) 2012

