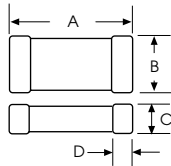


LCHF 0402 High Frequency Multi-Layer Chip Inductors



FEATURES

- ◇ Extremely high reliability in a wide temperature and humidity range.
- ◇ Superior Q.
- ◇ Excellent for flow, re-flow soldering.

APPLICATIONS

- ◇ High Frequency Circuits.
- ◇ Hand Held Electronics.

INDUCTANCE 1.0 N TO 100 N

OPERATING TEMPERATURE RANGE -40°C TO +100°C

TOLERANCES S = ± 0.3nH J = ± 5% K = ± 10%

DIMENSIONS IN MM

TYPE	A	B	C	D
LCHF0402	1.0±0.10	0.5±0.10	0.5±0.10	0.25±0.1

Part Number	Inductance (NH)	Tolerance (±%)	Q Min.	Test Frequency (MHz)		SRF (MHz) min	DC Resistance (Ω) Max	IDC (mA) Max
				100MHz	800MHz			
LCHF0402-1N0	1.0	S	8	9	28	10000	0.12	300
LCHF0402-1N2	1.2	S	8	9	28	10000	0.12	300
LCHF0402-1N5	1.5	S	8	10	28	9000	0.13	300
LCHF0402-1N8	1.8	S	8	10	28	8700	0.14	300
LCHF0402-2N2	2.2	S	8	10	29	8100	0.16	300
LCHF0402-2N7	2.7	S	8	11	30	7700	0.17	300
LCHF0402-3N3	3.3	S / K	8	11	30	6300	0.19	300
LCHF0402-3N9	3.9	S / K	8	11	31	6100	0.22	300
LCHF0402-4N7	4.7	S / K	8	11	31	5400	0.20	300
LCHF0402-5N6	5.6	S / K	8	11	31	5100	0.24	300
LCHF0402-6N8	6.8	J / K	8	11	33	4550	0.27	250
LCHF0402-8N2	8.2	J / K	8	12	32	4100	0.32	250
LCHF0402-100	10	J / K	8	12	32	3900	0.40	250
LCHF0402-120	12	J / K	8	12	31	3000	0.45	250
LCHF0402-150	15	J / K	8	12	30	2600	0.50	250
LCHF0402-180	18	J / K	8	12	29	2350	0.60	200
LCHF0402-220	22	J / K	8	12	28	2000	0.65	200
LCHF0402-270	27	J / K	8	12	27	1900	0.80	200
LCHF0402-330	33	J / K	8	10	25	1700	0.90	200
LCHF0402-390	39	J / K	8	10	25	1600	1.00	150
LCHF0402-470	47	J / K	8	9	22	1300	1.20	150
LCHF0402-560	56	J / K	8	10	21	1250	2.00	150
LCHF0402-680	68	J / K	8	10	15	1000	2.20	100
LCHF0402-820	82	J / K	8	9	13	900	2.50	100
LCHF0402-R10	100	J / K	8	9	10	850	2.50	100