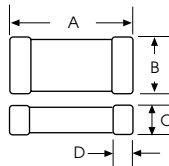


LCHF 0603 High Frequency Multi-Layer Chip Inductors



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.

TEST L/Q: HP4291A+HP16192A

INDUCTANCE 1.0 N TO 180 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
LCHF0603	1.6±0.10	0.8±0.10	0.8±0.10	0.5±0.1

Part Number	Inductance (NH)	Tolerance (±%)	Q Min.		Test Frequency (MHz)					SRF (MHz) min	DC Resistance (Ω) Max	IDC (mA) Max	
			50 MHz	10 MHz	50 MHz	100 MHz	300 MHz	500 MHz	800 MHz				
LCHF0603-1N0	1.0	S		8			12			60	10000	0.10	500
LCHF0603-1N2	1.2	S		8			13			60	10000	0.10	500
LCHF0603-1N5	1.5	S		8			13			57	8000	0.10	500
LCHF0603-1N8	1.8	S		8			13			51	8000	0.10	500
LCHF0603-2N2	2.2	S		8			13			46	7200	0.10	500
LCHF0603-2N7	2.7	S		10			13			46	6200	0.10	500
LCHF0603-3N3	3.3	S/K		10			13			47	5200	0.12	500
LCHF0603-3N9	3.9	S/K		10			13			47	5000	0.14	500
LCHF0603-4N7	4.7	S/K		10			13			41	4750	0.16	500
LCHF0603-5N6	5.6	S/K		10			13			41	4100	0.18	500
LCHF0603-6N8	6.8	J/K		10			13			44	3750	0.22	500
LCHF0603-8N2	8.2	J/K		10			13			44	3300	0.24	500
LCHF0603-10N	10	J/K		12			13			45	3000	0.26	300
LCHF0603-12N	12	J/K		12			15			46	2600	0.28	300
LCHF0603-15N	15	J/K		12			15			48	2500	0.32	300
LCHF0603-18N	18	J/K		12			15			48	2400	0.35	300
LCHF0603-22N	22	J/K		12			17			45	2000	0.40	300
LCHF0603-27N	27	J/K		12			17			43	1900	0.45	300
LCHF0603-33N	33	J/K		12			18			39	1600	0.55	300
LCHF0603-39N	39	J/K		12			18		37	1400	1.400	0.60	300
LCHF0603-47N	47	J/K		12			18		35	1300	1.300	0.70	300
LCHF0603-56N	56	J/K		12			18		32	1100	1.100	0.75	300
LCHF0603-62N	62	J/K		12			18		34	1050	1.050	0.85	300
LCHF0603-68N	68	J/K		12			18		34	1050	1.050	0.85	300
LCHF0603-82N	82	J/K		12			18		32	900	0.900	1.00	300
LCHF0603-R10	100	J/K		12			18		20	770	0.770	1.20	300
LCHF0603-R12	*120	J/K	8		14		20			850	0.850	2.30	250
LCHF0603-R15	*150	J/K	8		15		16			550	0.550	2.40	250
LCHF0603-R18	*180	J/K	8		15		16			520	0.520	2.70	250