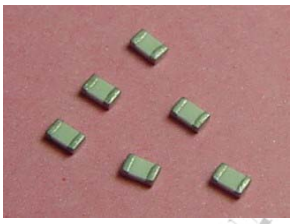
Multilayer High Frequency Ceramic Inductors

Features

- Monolithic structure ensuring high performance and reliability.
- High frequency application up to 6 GHz.
- Excellent Q and SRF characteristic



Applications

- RF modules for telecommunication systems including
- GSM, PCS, DECT, WLAN and Bluetooth, etc.

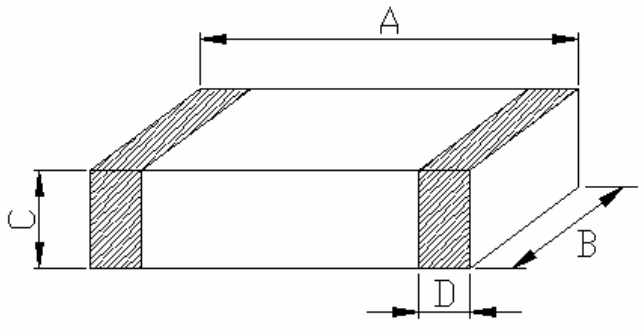
Part Number Systems

MHI - 060303 – 1N5 – K - LF

(1) (2) (3) (4) (5)

(1)	**Product series**	**(2)**	**Size**
(3)	**Inductance Value: 1N5 = 1.5nH**	**(4)**	**Inductance Tolerance:**
(5)	**ROHs Compliant**		**S = ± 0.3, J = ± 5%, K = ± 10%**

Shape And Dimensions



Unit: mm

Type	A	B	C	D
060303	0.60 ± 0.03	0.30 ± 0.03	0.30±0.03	0.15 ± 0.05

MHI-060303 (0201)-Series					ELECTRICAL CHARACTERISTICS		
Part Number	Inductance (nH)	Tolerance	Q Min	L/Q Freq.(MHz)	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max
MHI-060303-1N0S-LF	1.0	S	4	100	> 13000	0.12	300
MHI-060303-1N2S-LF	1.2	S	4	100	> 13000	0.15	300
MHI-060303-1N5S-LF	1.5	S	4	100	> 13000	0.18	300
MHI-060303-1N8S-LF	1.8	S	4	100	10500	0.22	300
MHI-060303-2N2S-LF	2.2	S	4	100	9500	0.26	300
MHI-060303-2N7S-LF	2.7	S	4	100	8500	0.32	300
MHI-060303-3N3K-LF	3.3	S, K	4	100	7500	0.38	300
MHI-060303-3N9K-LF	3.9	S, K	4	100	6800	0.45	300
MHI-060303-4N7K-LF	4.7	S, K	4	100	6000	0.50	300
MHI-060303-5N6K-LF	5.6	S, K	5	100	5500	0.60	300
MHI-060303-6N8K-LF	6.8	J, K	5	100	4800	0.70	250
MHI-060303-8N2K-LF	8.2	J, K	5	100	4600	0.90	250
MHI-060303-10NK-LF	10	J, K	5	100	4000	1.20	250
MHI-060303-12NK-LF	12	J, K	5	100	3500	1.30	250
MHI-060303-15NK-LF	15	J, K	5	100	3000	1.40	250
MHI-060303-18NK-LF	18	J, K	5	100	2500	1.50	200
MHI-060303-22NK-LF	22	J, K	5	100	2200	1.80	200
MHI-060303-27NK-LF	27	J, K	5	100	1800	2.00	200
MHI-060303-33NK-LF	33	J, K	5	100	1500	2.30	200

*** All specifications are subjected to change without prior notice.**