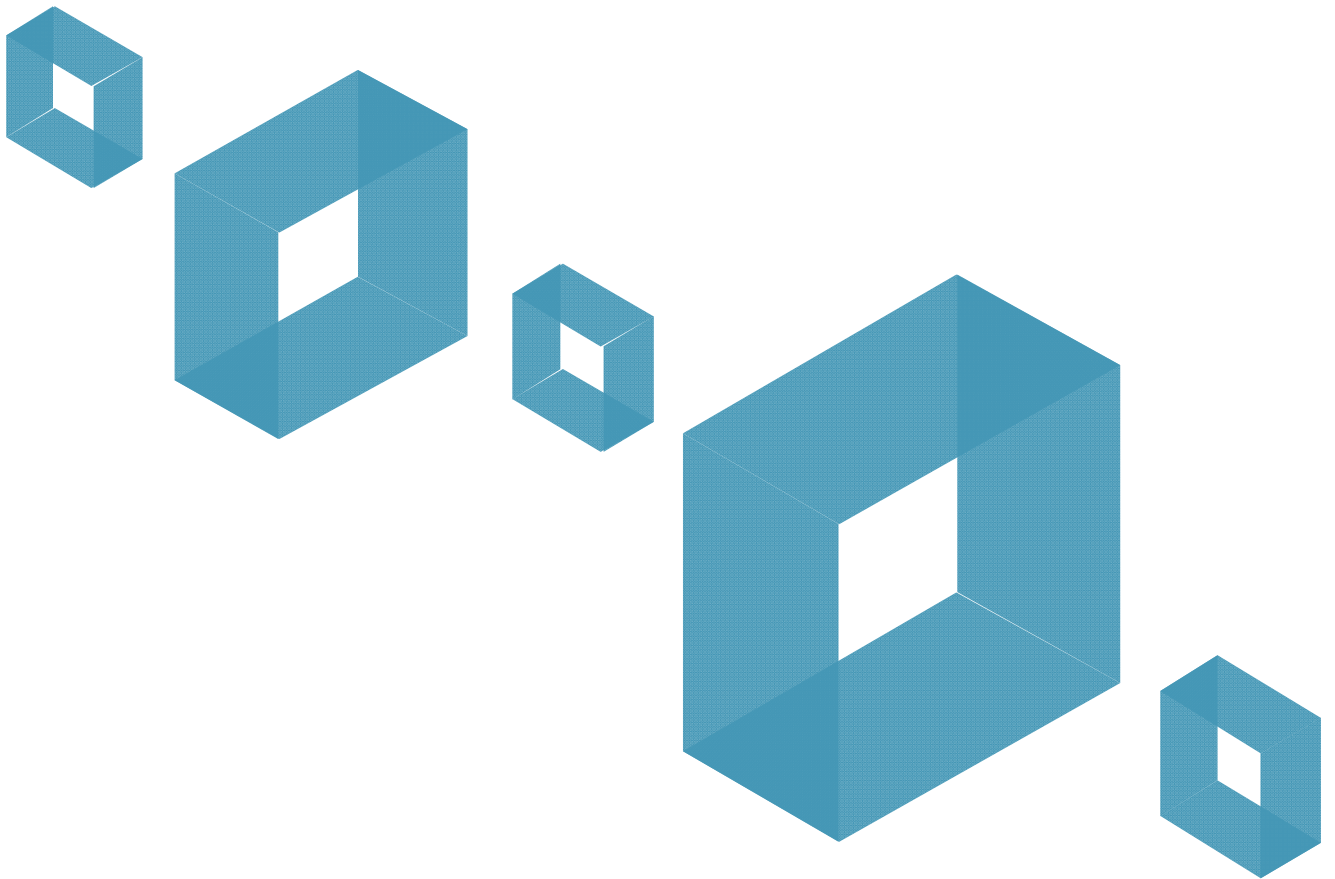
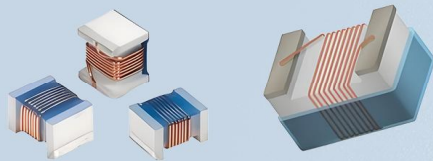


RF & Microwave High Frequency Wound Inductor





高频绕线电感

阻抗匹配网络 | 高频滤波与噪声抑制 | EMI/EMC抑制

Characteristics

- 1, Low DCR and low parasitic capacitance
- 2, High Q value (quality factor)
- 3, High self resonant frequency (SRF)
- 4, High frequency loss suppression
- 5, Electromagnetic compatibility optimization

Applications

- 1, Impedance Matching Networks
- 2, High-Frequency Filtering & Noise Suppression
- 3, Energy Storage & Power Conversion
- 4, Signal Coupling & Isolation
- 5, EMI/EMC Suppression

Part No.	Inductance @100MHz	Tolerance	Min. Quality Factor	Q Test Freq.	Max.DC	Max.Rated Current	Min. Self- resonant Frequency
	nH		-	MHz	Ω	mA	MHz
	L		Q	Freq.	DCR	Ir	S.R.F
MQG04HF1N0BT7	1	±0.1nH	10	250	0.052	1360	>6000
MQG04HF2N2CT7	2.2	±0.2nH	13	250	0.05	850	>6000
MQG04HF3N3CT7	3.3	±0.2nH	15	250	0.062	800	>6000
MQG04HF3N6CT7	3.6	±0.2nH	16	250	0.063	790	>6000
MQG04HF4N7JT7	4.7	±5%	15	250	0.13	640	6000
MQG04HF5N6JT7	5.6	±5%	17	250	0.12	620	4000
MQG04HF9N1GT7	9.1	±2%	22	250	0.1	680	4160
MQG06HF2N2JT7	2.2	±5%	15	250	0.08	700	>6000
MQG06HF3N6HT7	3.6	±3%	25	250	0.09	700	>6000
MQG06HF10NHT7	10	±3%	35	250	0.15	600	4600
MQG06HF18NHT7	18	±3%	42	250	0.2	600	3000
MQG06HF33NHT7	33	±3%	36	250	0.22	600	2300
MQG06HF39NHT7	39	±3%	38	250	0.25	600	3000
MQG06HF56NHT7	56	±3%	38	200	0.31	600	1900
MQG06HF68NHT7	68	±3%	36	200	0.38	350	1800
MQG06HFR33GT7	330	±2%	30	100	4.2	100	800

Part Numbering

High frequency wound inductor Part Number

①	②	③	④	⑤	⑥
MQG	04	HF	1N0	B	T7

①	Code	②	Case Size
③	Series	④	Nominal Inductance
⑤	Inductance Tolerance	⑥	Packing