

“军用” 绕线型片式电感器

工作温度范围

-55°C ~ 125°C



1、特点

- (1) 体积小，适合高密度表面贴装；
- (2) 采用端电极结构，很好地抑制了引线引起的寄生元件效应，具有高可靠性；
- (3) 优良的焊接性和耐焊性；
- (4) 更好的频率特性和更强的抗干扰能力；
- (5) Q/FH 20024A-2017 《军用绕线片式电感器筛选详细规范》。

2、应用

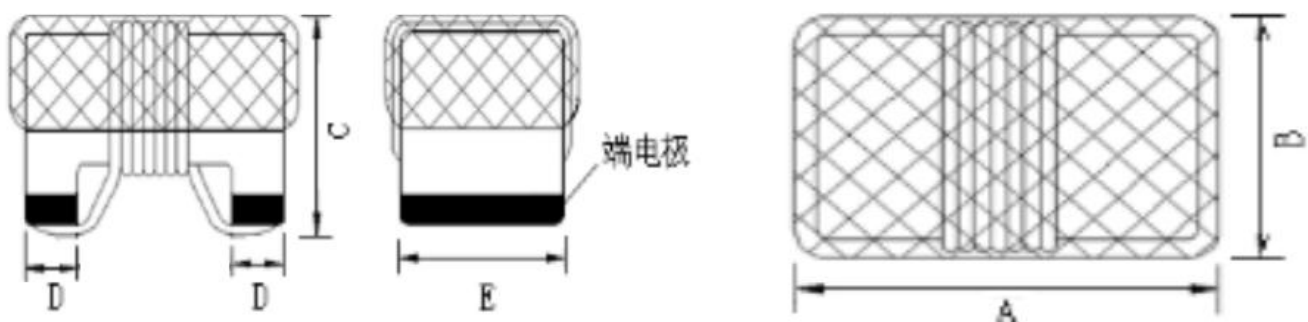
- (1) 用于数据传输线、信号线、电源部分及回路的抗干扰；
- (2) 广泛应用于航空、航天、船舶、卫星、雷达、通讯等军用电子设备。

3、产品规格型号表示方法

*-BKW	0805	UC	1R0	J	G	T
①	②	③	④	⑤	⑥	⑦

①		②		③		④		⑤		⑥		⑦	
产品代号		规格尺寸(mm)		材料		感量 (nH)		公差		电极		包装方式	
		(L×W)											
BKW	工业级	0402	1.0×0.5	UC HC	陶瓷芯	1N0	1	S	±0.3nH	G	金	T	卷带盘装
J-BKW	普军级	0603	1.6×0.8			010	10	D	±0.5nH				
		0805	2.0×1.2			R10	100	F	±1%				
S-BKW	军筛级	1008	2.5×2.0			1R0	1000	G	±2%				
G-BKW	七专级	1210	3.2×2.5	UF IF	铁氧体 芯	100	10000	J	±5%	S	锡	B	散装
		1812	4.5×3.2			101	100000	K	±10%				
								M	±20%				

4、外形尺寸参数



单位: mm

规格尺寸	A (Max)	B (Max)	C (Max)	D	E
0402	1.19	0.66	0.66	0.23±0.1	0.66±0.1
0603	1.85	1.24	1.24	0.30±0.1	1.02±0.2
0805	2.30	1.73	1.55	0.50±0.1	1.78±0.2
1008	2.92	2.79	2.29	0.50±0.1	2.54±0.2
1210	3.65	2.95	2.70	0.50±0.1	2.54±0.2
1812	4.95	3.81	3.60	0.65±0.1	3.05±0.2

5、电性能参数

0402UC 系列

型号规格	感量 (nH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW0402UC1N0□GT	1.0@250MHz	± (0.3, 0.5) nH	13@250MHz	10000	0.045	1360
*-BKW0402UC2N2□GT	2.2@250MHz	± (0.3, 0.5) nH	18@250MHz	6000	0.070	960
*-BKW0402UC2N7□GT	2.7@250MHz	± (0.3, 0.5) nH	15@250MHz	6000	0.120	640
*-BKW0402UC3N3□GT	3.3@250MHz	± (0.3, 0.5) nH	20@250MHz	6000	0.066	840
*-BKW0402UC3N9□GT	3.9@250MHz	± (0.3, 0.5) nH	20@250MHz	6000	0.066	840
*-BKW0402UC4N7□GT	4.7@250MHz	± (10, 20) %	18@250MHz	4500	0.200	640
*-BKW0402UC5N6□GT	5.6@250MHz	± (10, 20) %	20@250MHz	4800	0.083	760
*-BKW0402UC6N8□GT	6.8@250MHz	± (10, 20) %	23@250MHz	4800	0.260	680
*-BKW0402UC8N2□GT	8.2@250MHz	± (10, 20) %	25@250MHz	4400	0.100	680
*-BKW0402UC010□GT	10@250MHz	± (2, 5, 10) %	25@250MHz	3900	0.200	480
*-BKW0402UC012□GT	12@250MHz	± (2, 5, 10) %	25@250MHz	3600	0.120	640
*-BKW0402UC015□GT	15@250MHz	± (2, 5, 10) %	25@250MHz	3280	0.170	560
*-BKW0402UC018□GT	18@250MHz	± (2, 5, 10) %	25@250MHz	3100	0.230	420
*-BKW0402UC022□GT	22@250MHz	± (2, 5, 10) %	25@250MHz	2800	0.300	400
*-BKW0402UC027□GT	27@250MHz	± (2, 5, 10) %	24@250MHz	2480	0.520	280
*-BKW0402UC033□GT	33@250MHz	± (2, 5, 10) %	24@250MHz	2350	0.650	350
*-BKW0402UC039□GT	39@250MHz	± (2, 5, 10) %	25@250MHz	2100	0.750	200
*-BKW0402UC047□GT	47@250MHz	± (2, 5, 10) %	25@250MHz	2100	0.830	150
*-BKW0402UC056□GT	56@250MHz	± (2, 5, 10) %	25@250MHz	1760	0.970	100
*-BKW0402UC068□GT	68@250MHz	± (2, 5, 10) %	25@250MHz	1620	1.120	100
*-BKW0402UC082□GT	82@250MHz	± (2, 5, 10) %	25@250MHz	1260	1.700	50
*-BKW0402UCR10□GT	100@250MHz	± (2, 5, 10) %	25@250MHz	1160	2.000	30
*-BKW0402UCR12□GT	120@250MHz	± (2, 5, 10) %	25@250MHz	1100	2.200	30

0603UC 系列

型号规格	感量 (nH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW0603UC1N6□GT	1.6@250MHz	± (0.3, 0.5) nH	18@250MHz	12500	0.040	700
*-BKW0603UC1N8□GT	1.8@250MHz	± (0.3, 0.5) nH	16@250MHz	12500	0.045	700
*-BKW0603UC2N2□GT	2.2@250MHz	± (0.3, 0.5) nH	12@250MHz	10000	0.090	700
*-BKW0603UC3N3□GT	3.3@250MHz	± (0.3, 0.5) nH	20@250MHz	5900	0.075	700
*-BKW0603UC3N6□GT	3.6@250MHz	± (10, 20) %	22@250MHz	5900	0.075	700
*-BKW0603UC3N9□GT	3.9@250MHz	± (10, 20) %	22@250MHz	6900	0.080	700
*-BKW0603UC4N3□GT	4.3@250MHz	± (10, 20) %	22@250MHz	5900	0.075	700
*-BKW0603UC4N7□GT	4.7@250MHz	± (10, 20) %	20@250MHz	5800	0.116	700
*-BKW0603UC5N1□GT	5.1@250MHz	± (10, 20) %	20@250MHz	5700	0.120	700
*-BKW0603UC5N6□GT	5.6@250MHz	± (10, 20) %	18@250MHz	5700	0.200	700
*-BKW0603UC6N8□GT	6.8@250MHz	± (10, 20) %	27@250MHz	5800	0.110	700
*-BKW0603UC7N5□GT	7.5@250MHz	± (10, 20) %	28@250MHz	4800	0.110	700
*-BKW0603UC8N2□GT	8.2@250MHz	± (10, 20) %	28@250MHz	4700	0.120	700
*-BKW0603UC9N5□GT	9.5@250MHz	± (5, 10) %	26@250MHz	5400	0.150	700
*-BKW0603UC010□GT	10@250MHz	± (2, 5, 10) %	31@250MHz	4800	0.130	700
*-BKW0603UC012□GT	12@250MHz	± (2, 5, 10) %	35@250MHz	4000	0.130	700
*-BKW0603UC015□GT	15@250MHz	± (2, 5, 10) %	30@250MHz	4000	0.150	700
*-BKW0603UC018□GT	18@250MHz	± (2, 5, 10) %	35@250MHz	3100	0.170	700
*-BKW0603UC022□GT	22@250MHz	± (2, 5, 10) %	38@250MHz	3000	0.190	700
*-BKW0603UC027□GT	27@250MHz	± (2, 5, 10) %	36@250MHz	2800	0.220	600
*-BKW0603UC033□GT	33@250MHz	± (2, 5, 10) %	36@250MHz	2300	0.220	600
*-BKW0603UC036□GT	36@250MHz	± (2, 5, 10) %	36@250MHz	2080	0.250	600
*-BKW0603UC039□GT	39@250MHz	± (2, 5, 10) %	40@250MHz	2200	0.250	600
*-BKW0603UC043□GT	43@250MHz	± (2, 5, 10) %	36@250MHz	2000	0.280	600
*-BKW0603UC047□GT	47@200MHz	± (2, 5, 10) %	36@250MHz	2000	0.280	600
*-BKW0603UC056□GT	56@200MHz	± (2, 5, 10) %	38@250MHz	1900	0.280	600
*-BKW0603UC068□GT	68@200MHz	± (2, 5, 10) %	36@250MHz	1700	0.340	600
*-BKW0603UC075□GT	75@150MHz	± (2, 5, 10) %	30@250MHz	1400	0.600	400
*-BKW0603UC082□GT	82@150MHz	± (2, 5, 10) %	34@250MHz	1700	0.550	400
*-BKW0603UCR10□GT	100@150MHz	± (2, 5, 10) %	30@250MHz	1400	0.630	400
*-BKW0603UCR12□GT	120@150MHz	± (2, 5, 10) %	32@250MHz	1300	0.730	300
*-BKW0603UCR15□GT	150@150MHz	± (2, 5, 10) %	28@250MHz	990	0.800	280
*-BKW0603UCR18□GT	180@100MHz	± (2, 5, 10) %	25@250MHz	990	1.450	240
*-BKW0603UCR20□GT	200@100MHz	± (5, 10) %	25@250MHz	900	1.550	200
*-BKW0603UCR22□GT	220@100MHz	± (5, 10) %	25@250MHz	900	2.100	200
*-BKW0603UCR27□GT	270@100MHz	± (5, 10) %	24@250MHz	900	2.300	170
*-BKW0603UCR33□GT	330@100MHz	± (5, 10) %	25@250MHz	900	3.890	100
*-BKW0603UCR39□GT	390@100MHz	± (5, 10) %	25@250MHz	800	4.350	100

0805UC 系列

型号规格	感量 (nH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW0805UC2N2□GT	2.2@250MHz	± (0.3, 0.5) nH	50@1500MHz	8500	0.030	800
*-BKW0805UC2N7□GT	2.7@250MHz	± (0.3, 0.5) nH	50@1500MHz	8000	0.045	800
*-BKW0805UC3N3□GT	3.3@250MHz	± (0.3, 0.5) nH	35@1500MHz	7900	0.090	600
*-BKW0805UC4N7□GT	4.7@250MHz	± (10, 20) %	40@1000MHz	6000	0.050	600
*-BKW0805UC5N6□GT	5.6@250MHz	± (10, 20) %	50@1000MHz	5500	0.065	600
*-BKW0805UC6N8□GT	6.8@250MHz	± (10, 20) %	50@1000MHz	5500	0.110	600
*-BKW0805UC8N2□GT	8.2@250MHz	± (10, 20) %	35@1000MHz	4700	0.200	600
*-BKW0805UC010□GT	10@250MHz	± (2, 5, 10) %	50@500MHz	4200	0.150	600
*-BKW0805UC012□GT	12@250MHz	± (2, 5, 10) %	50@500MHz	4000	0.150	600
*-BKW0805UC015□GT	15@250MHz	± (2, 5, 10) %	45@500MHz	3400	0.170	600
*-BKW0805UC018□GT	18@250MHz	± (2, 5, 10) %	55@500MHz	3300	0.200	600
*-BKW0805UC022□GT	22@250MHz	± (2, 5, 10) %	55@500MHz	2600	0.220	500
*-BKW0805UC027□GT	27@250MHz	± (2, 5, 10) %	55@500MHz	2500	0.250	500
*-BKW0805UC033□GT	33@250MHz	± (2, 5, 10) %	55@500MHz	2050	0.270	500
*-BKW0805UC036□GT	36@250MHz	± (2, 5, 10) %	55@500MHz	2000	0.290	500
*-BKW0805UC039□GT	39@250MHz	± (2, 5, 10) %	55@500MHz	2000	0.290	500
*-BKW0805UC047□GT	47@200MHz	± (2, 5, 10) %	55@500MHz	1650	0.310	500
*-BKW0805UC056□GT	56@200MHz	± (2, 5, 10) %	55@500MHz	1550	0.340	500
*-BKW0805UC068□GT	68@200MHz	± (2, 5, 10) %	55@500MHz	1450	0.380	500
*-BKW0805UC075□GT	75@200MHz	± (2, 5, 10) %	55@500MHz	1400	0.400	400
*-BKW0805UC082□GT	82@150MHz	± (2, 5, 10) %	55@500MHz	1300	0.420	400
*-BKW0805UCR10□GT	100@150MHz	± (2, 5, 10) %	50@500MHz	1200	0.460	400
*-BKW0805UCR12□GT	120@150MHz	± (2, 5, 10) %	45@250MHz	1100	0.510	400
*-BKW0805UCR15□GT	150@100MHz	± (2, 5, 10) %	45@250MHz	920	0.560	400
*-BKW0805UCR18□GT	180@100MHz	± (2, 5, 10) %	45@250MHz	870	0.640	400
*-BKW0805UCR22□GT	220@100MHz	± (2, 5, 10) %	40@250MHz	850	1.050	400
*-BKW0805UCR27□GT	270@100MHz	± (2, 5, 10) %	40@250MHz	650	1.500	350
*-BKW0805UCR33□GT	330@100MHz	± (5, 10) %	40@250MHz	600	1.400	310
*-BKW0805UCR39□GT	390@100MHz	± (5, 10) %	40@250MHz	560	1.500	290
*-BKW0805UCR43□GT	430@100MHz	± (5, 10) %	33@250MHz	375	2.000	250
*-BKW0805UCR47□GT	470@50MHz	± (5, 10) %	33@100MHz	375	2.000	250
*-BKW0805UCR56□GT	560@25MHz	± (5, 10) %	23@50MHz	340	1.900	230
*-BKW0805UCR68□GT	680@25MHz	± (5, 10) %	23@50MHz	300	2.100	190
*-BKW0805UCR75□GT	750@25MHz	± (5, 10) %	23@50MHz	280	2.120	180
*-BKW0805UCR82□GT	820@25MHz	± (5, 10) %	23@50MHz	250	2.140	180
*-BKW0805UCR91□GT	910@25MHz	± (5, 10) %	20@50MHz	220	2.280	180
*-BKW0805UC1R0□GT	1000@25MHz	± (5, 10) %	20@50MHz	200	2.400	170
*-BKW0805UC1R2□GT	1200@7.9MHz	± (5, 10) %	18@50MHz	180	2.550	170
*-BKW0805UC1R5□GT	1500@7.9MHz	± (5, 10) %	18@50MHz	170	2.800	160
*-BKW0805UC1R8□GT	1800@7.9MHz	± (5, 10) %	18@50MHz	140	3.800	150
*-BKW0805UC2R2□GT	2200@7.9MHz	± (5, 10) %	16@7.9MHz	50	4.200	150

1008UC 系列

型号规格	感量 (nH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW1008UC3N9□GT	3.9@50MHz	± (0.3, 0.5) nH	50@1500MHz	6000	0.035	1000
*-BKW1008UC4N7□GT	4.7@50MHz	± (10, 20) %	50@1500MHz	6000	0.045	1000
*-BKW1008UC5N6□GT	5.6@50MHz	± (10, 20) %	30@1000MHz	6000	0.180	1000
*-BKW1008UC8N2□GT	8.2@50MHz	± (10, 20) %	50@1000MHz	5000	0.050	1000
*-BKW1008UC010□GT	10@50MHz	± (2, 5, 10) %	50@500MHz	4100	0.080	1000
*-BKW1008UC012□GT	12@50MHz	± (2, 5, 10) %	50@500MHz	3300	0.090	1000
*-BKW1008UC015□GT	15@50MHz	± (2, 5, 10) %	45@500MHz	2500	0.150	1000
*-BKW1008UC018□GT	18@50MHz	± (2, 5, 10) %	50@350MHz	2500	0.110	1000
*-BKW1008UC022□GT	22@50MHz	± (2, 5, 10) %	55@350MHz	2400	0.120	1000
*-BKW1008UC027□GT	27@50MHz	± (2, 5, 10) %	55@350MHz	1600	0.130	1000
*-BKW1008UC033□GT	33@50MHz	± (2, 5, 10) %	60@350MHz	1600	0.140	1000
*-BKW1008UC039□GT	39@50MHz	± (2, 5, 10) %	60@350MHz	1500	0.150	1000
*-BKW1008UC047□GT	47@50MHz	± (2, 5, 10) %	65@350MHz	1500	0.160	1000
*-BKW1008UC056□GT	56@50MHz	± (2, 5, 10) %	65@350MHz	1100	0.180	1000
*-BKW1008UC068□GT	68@50MHz	± (2, 5, 10) %	65@350MHz	1000	0.200	1000
*-BKW1008UC082□GT	82@50MHz	± (2, 5, 10) %	60@350MHz	1000	0.220	1000
*-BKW1008UCR10□GT	100@25MHz	± (2, 5, 10) %	60@350MHz	1000	0.560	650
*-BKW1008UCR12□GT	120@25MHz	± (2, 5, 10) %	60@350MHz	950	0.630	650
*-BKW1008UCR15□GT	150@25MHz	± (2, 5, 10) %	45@100MHz	800	0.700	580
*-BKW1008UCR18□GT	180@25MHz	± (2, 5, 10) %	45@100MHz	640	0.770	620
*-BKW1008UCR22□GT	220@25MHz	± (2, 5, 10) %	45@100MHz	620	0.840	500
*-BKW1008UCR27□GT	270@25MHz	± (2, 5, 10) %	45@100MHz	600	0.910	500
*-BKW1008UCR33□GT	330@25MHz	± (2, 5, 10) %	45@100MHz	500	1.050	450
*-BKW1008UCR39□GT	390@25MHz	± (2, 5, 10) %	45@100MHz	480	1.120	470
*-BKW1008UCR47□GT	470@25MHz	± (2, 5, 10) %	45@100MHz	450	1.190	470
*-BKW1008UCR56□GT	560@25MHz	± (2, 5, 10) %	45@100MHz	415	1.330	400
*-BKW1008UCR68□GT	680@25MHz	± (2, 5, 10) %	45@100MHz	375	1.470	400
*-BKW1008UCR82□GT	820@25MHz	± (5, 10) %	45@100MHz	250	1.610	400
*-BKW1008UC1R0□GT	1000@25MHz	± (5, 10) %	35@50MHz	210	1.750	370
*-BKW1008UC1R2□GT	1200@7.9MHz	± (5, 10) %	35@50MHz	200	2.000	310
*-BKW1008UC1R5□GT	1500@7.9MHz	± (5, 10) %	28@50MHz	180	2.300	330
*-BKW1008UC1R8□GT	1800@7.9MHz	± (5, 10) %	28@50MHz	160	2.600	300
*-BKW1008UC2R2□GT	2200@7.9MHz	± (5, 10) %	20@50MHz	90	2.800	280
*-BKW1008UC2R7□GT	2700@7.9MHz	± (5, 10) %	22@25MHz	80	3.200	290
*-BKW1008UC3R3□GT	3300@7.9MHz	± (5, 10) %	22@25MHz	70	3.400	290
*-BKW1008UC3R9□GT	3900@7.9MHz	± (5, 10) %	16@25MHz	60	3.600	260
*-BKW1008UC4R7□GT	4700@7.9MHz	± (5, 10) %	18@25MHz	60	4.000	260
*-BKW1008UC5R6□GT	5600@7.9MHz	± (5, 10) %	18@7.9MHz	55	7.600	240
*-BKW1008UC6R8□GT	6800@7.9MHz	± (5, 10) %	18@7.9MHz	50	8.200	200
*-BKW1008UC8R2□GT	8200@7.9MHz	± (5, 10) %	18@7.9MHz	40	8.200	170

1210HC 系列

型号规格	感量 (nH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW1210HC3N9□GT	3.9@100MHz	± (0.3, 0.5) nH	30@300MHz	6000	0.050	1000
*-BKW1210HC4N7□GT	4.7@100MHz	± (10, 20) %	30@300MHz	5800	0.065	1000
*-BKW1210HC8N2□GT	8.2@100MHz	± (10, 20) %	30@300MHz	5500	0.070	1000
*-BKW1210HC010□GT	10@100MHz	± (2, 5, 10) %	40@300MHz	4000	0.080	1000
*-BKW1210HC012□GT	12@100MHz	± (5, 10) %	40@300MHz	3200	0.080	1000
*-BKW1210HC015□GT	15@100MHz	± (5, 10) %	40@300MHz	3200	0.100	1000
*-BKW1210HC018□GT	18@100MHz	± (2, 5, 10) %	50@300MHz	2800	0.100	1000
*-BKW1210HC022□GT	22@100MHz	± (5, 10) %	50@300MHz	2000	0.100	1000
*-BKW1210HC027□GT	27@100MHz	± (2, 5, 10) %	50@300MHz	1800	0.110	1000
*-BKW1210HC033□GT	33@100MHz	± (2, 5, 10) %	55@300MHz	1800	0.110	1000
*-BKW1210HC039□GT	39@100MHz	± (2, 5, 10) %	55@300MHz	1800	0.120	1000
*-BKW1210HC047□GT	47@100MHz	± (2, 5, 10) %	55@300MHz	1500	0.130	1000
*-BKW1210HC056□GT	56@100MHz	± (2, 5, 10) %	55@300MHz	1450	0.140	1000
*-BKW1210HC068□GT	68@100MHz	± (2, 5, 10) %	55@300MHz	1200	0.150	900
*-BKW1210HC082□GT	82@100MHz	± (2, 5, 10) %	55@300MHz	1000	0.200	900
*-BKW1210HCR10□GT	100@100MHz	± (2, 5, 10) %	55@300MHz	900	0.210	850
*-BKW1210HCR12□GT	120@100MHz	± (2, 5, 10) %	60@300MHz	800	0.210	800
*-BKW1210HCR15□GT	150@100MHz	± (2, 5, 10) %	60@300MHz	780	0.250	750
*-BKW1210HCR18□GT	180@50MHz	± (2, 5, 10) %	60@300MHz	760	0.300	700
*-BKW1210HCR22□GT	220@50MHz	± (2, 5, 10) %	60@300MHz	650	0.320	670
*-BKW1210HCR27□GT	270@50MHz	± (2, 5, 10) %	55@300MHz	620	0.340	630
*-BKW1210HCR33□GT	330@50MHz	± (2, 5, 10) %	45@150MHz	600	0.380	590
*-BKW1210HCR39□GT	390@50MHz	± (2, 5, 10) %	45@150MHz	510	0.580	530
*-BKW1210HCR47□GT	470@50MHz	± (2, 5, 10) %	45@150MHz	500	0.800	490
*-BKW1210HCR56□GT	560@35MHz	± (5, 10) %	45@150MHz	420	1.100	460
*-BKW1210HCR68□GT	680@35MHz	± (2, 5, 10) %	45@150MHz	400	1.200	430
*-BKW1210HCR75□GT	750@35MHz	± (2, 5, 10) %	45@150MHz	380	1.700	400
*-BKW1210HCR82□GT	820@35MHz	± (2, 5, 10) %	45@150MHz	370	1.820	400
*-BKW1210HC1R0□GT	1000@35MHz	± (2, 5, 10) %	45@150MHz	340	1.850	320
*-BKW1210HC1R2□GT	1200@35MHz	± (5, 10) %	35@150MHz	220	1.870	300
*-BKW1210HC1R5□GT	1500@7.9MHz	± (5, 10) %	30@50MHz	160	1.950	310
*-BKW1210HC1R8□GT	1800@7.9MHz	± (5, 10) %	30@50MHz	160	2.250	310
*-BKW1210HC2R2□GT	2200@7.9MHz	± (5, 10) %	30@50MHz	110	2.410	310
*-BKW1210HC2R7□GT	2700@7.9MHz	± (5, 10) %	25@25MHz	100	2.850	300
*-BKW1210HC3R3□GT	3300@7.9MHz	± (5, 10) %	20@25MHz	85	3.120	300
*-BKW1210HC3R9□GT	3900@7.9MHz	± (5, 10) %	20@25MHz	80	3.600	290
*-BKW1210HC4R7□GT	4700@7.9MHz	± (5, 10) %	16@25MHz	60	4.000	280
*-BKW1210HC5R6□GT	5600@7.9MHz	± (5, 10) %	20@7.9MHz	60	5.000	250
*-BKW1210HC6R8□GT	6800@7.9MHz	± (5, 10) %	20@7.9MHz	55	8.000	230
*-BKW1210HC8R2□GT	8200@7.9MHz	± (5, 10) %	20@7.9MHz	50	8.860	170

0603UF 系列

型号规格	感量 (nH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW0603UFR10□ST	100@7.9MHz	± (5, 10) %	12@7.9MHz	1150	0.13	1000
*-BKW0603UFR12□ST	120@7.9MHz	± (5, 10) %	12@7.9MHz	1100	0.16	1000
*-BKW0603UFR15□ST	150@7.9MHz	± (5, 10) %	12@7.9MHz	1050	0.15	1000
*-BKW0603UFR18□ST	180@7.9MHz	± (5, 10) %	12@7.9MHz	950	0.15	1000
*-BKW0603UFR22□ST	220@7.9MHz	± (5, 10) %	12@7.9MHz	900	0.16	900
*-BKW0603UFR27□ST	270@7.9MHz	± (5, 10) %	12@7.9MHz	775	0.30	700
*-BKW0603UFR33□ST	330@7.9MHz	± (5, 10) %	12@7.9MHz	725	0.32	600
*-BKW0603UFR39□ST	390@7.9MHz	± (5, 10) %	12@7.9MHz	620	0.51	500
*-BKW0603UFR47□ST	470@7.9MHz	± (5, 10) %	12@7.9MHz	540	0.62	420
*-BKW0603UFR56□ST	560@7.9MHz	± (5, 10) %	12@7.9MHz	500	0.65	400
*-BKW0603UFR68□ST	680@7.9MHz	± (5, 10) %	12@7.9MHz	500	1.00	380
*-BKW0603UFR82□ST	820@7.9MHz	± (5, 10) %	12@7.9MHz	500	1.30	350
*-BKW0603UF1R0□ST	1000@7.9MHz	± (5, 10) %	12@7.9MHz	400	1.50	330
*-BKW0603UF1R2□ST	1200@7.9MHz	± (5, 10) %	12@7.9MHz	380	1.70	320
*-BKW0603UF1R5□ST	1500@7.9MHz	± (5, 10) %	12@7.9MHz	300	1.90	310
*-BKW0603UF1R8□ST	1800@7.9MHz	± (5, 10) %	12@7.9MHz	180	2.20	300
*-BKW0603UF2R2□ST	2200@7.9MHz	± (5, 10) %	12@7.9MHz	180	2.30	280
*-BKW0603UF2R7□ST	2700@7.9MHz	± (5, 10) %	12@7.9MHz	150	2.60	250
*-BKW0603UF3R3□ST	3300@7.9MHz	± (5, 10) %	12@7.9MHz	150	2.90	230
*-BKW0603UF3R9□ST	3900@7.9MHz	± (5, 10) %	12@7.9MHz	120	3.20	210
*-BKW0603UF4R7□ST	4700@7.9MHz	± (5, 10) %	12@7.9MHz	40	2.10	200
*-BKW0603UF5R6□ST	5600@7.9MHz	± (5, 10) %	12@7.9MHz	35	2.60	200
*-BKW0603UF6R8□ST	6800@7.9MHz	± (5, 10) %	12@7.9MHz	35	3.10	200
*-BKW0603UF8R2□ST	8200@7.9MHz	± (5, 10) %	12@7.9MHz	25	3.60	180
*-BKW0603UF100□ST	10000@2.5MHz	± (5, 10) %	12@2.5MHz	25	4.80	160

0805UF 系列

型号规格	感量 (μH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW0805UF1R0□ST	1.0@7.96MHz	± (5, 10) %	12@7.96MHz	360	1.00	430
*-BKW0805UF1R2□ST	1.2@7.96MHz	± (5, 10) %	12@7.96MHz	350	1.15	410
*-BKW0805UF1R5□ST	1.5@7.96MHz	± (5, 10) %	12@7.96MHz	300	1.20	400
*-BKW0805UF1R8□ST	1.8@7.96MHz	± (5, 10) %	12@7.96MHz	200	1.35	380
*-BKW0805UF2R2□ST	2.2@7.96MHz	± (5, 10) %	12@7.96MHz	170	1.50	350
*-BKW0805UF2R7□ST	2.7@7.96MHz	± (5, 10) %	12@7.96MHz	100	1.70	320
*-BKW0805UF3R3□ST	3.3@7.96MHz	± (5, 10) %	12@7.96MHz	90	1.80	300
*-BKW0805UF3R9□ST	3.9@7.96MHz	± (5, 10) %	12@7.96MHz	90	1.95	280
*-BKW0805UF4R7□ST	4.7@7.96MHz	± (5, 10) %	12@7.96MHz	85	2.05	250
*-BKW0805UF5R6□ST	5.6@7.96MHz	± (5, 10) %	12@7.96MHz	70	2.30	240
*-BKW0805UF6R8□ST	6.8@7.96MHz	± (5, 10) %	12@7.96MHz	55	2.60	220

*-BKW0805UF7R5□ST	7.5@7.96MHz	±(5, 10)%	12@7.96MHz	55	2.80	210
*-BKW0805UF8R2□ST	8.2@7.96MHz	±(5, 10)%	12@7.96MHz	50	3.00	180
*-BKW0805UF100□ST	10@2.52MHz	±(5, 10)%	10@2.52MHz	30	3.20	150
*-BKW0805UF120□ST	12@2.52MHz	±(5, 10)%	10@2.52MHz	17	3.50	110
*-BKW0805UF150□ST	15@2.52MHz	±(5, 10)%	10@2.52MHz	16	4.20	100
*-BKW0805UF180□ST	18@2.52MHz	±(5, 10)%	10@2.52MHz	15	4.50	95
*-BKW0805UF220□ST	22@2.52MHz	±(5, 10)%	10@2.52MHz	14	6.00	80

10081F 系列

型号规格	感量 (μH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW10081F1R0□ST	1.0@25.2MHz	±(5, 10)%	18@25.2MHz	300	0.55	580
*-BKW10081F1R2□ST	1.2@7.96MHz	±(5, 10)%	18@7.96MHz	250	0.75	550
*-BKW10081F1R5□ST	1.5@7.96MHz	±(5, 10)%	18@7.96MHz	230	0.85	400
*-BKW10081F1R8□ST	1.8@7.96MHz	±(5, 10)%	18@7.96MHz	168	0.95	320
*-BKW10081F2R2□ST	2.2@7.96MHz	±(5, 10)%	18@7.96MHz	150	1.30	315
*-BKW10081F2R7□ST	2.7@7.96MHz	±(5, 10)%	18@7.96MHz	100	1.40	300
*-BKW10081F3R3□ST	3.3@7.96MHz	±(5, 10)%	18@7.96MHz	80	1.50	280
*-BKW10081F3R9□ST	3.9@7.96MHz	±(5, 10)%	18@7.96MHz	60	1.55	250
*-BKW10081F4R7□ST	4.7@7.96MHz	±(5, 10)%	18@7.96MHz	50	1.75	210
*-BKW10081F5R6□ST	5.6@7.96MHz	±(5, 10)%	15@7.96MHz	40	1.90	190
*-BKW10081F6R8□ST	6.8@7.96MHz	±(5, 10)%	15@7.96MHz	35	2.00	175
*-BKW10081F7R5□ST	7.5@7.96MHz	±(5, 10)%	15@7.96MHz	30	2.10	170
*-BKW10081F8R2□ST	8.2@7.96MHz	±(5, 10)%	15@7.96MHz	25	2.20	160
*-BKW10081F100□ST	10@2.52MHz	±(5, 10)%	12@2.52MHz	25	2.50	155
*-BKW10081F120□ST	12@2.52MHz	±(5, 10)%	12@2.52MHz	20	2.60	145
*-BKW10081F150□ST	15@2.52MHz	±(5, 10)%	12@2.52MHz	20	3.00	130
*-BKW10081F180□ST	18@2.52MHz	±(5, 10)%	10@2.52MHz	20	3.00	130
*-BKW10081F220□ST	22@2.52MHz	±(5, 10)%	12@2.52MHz	18	3.90	105
*-BKW10081F270□ST	27@2.52MHz	±(5, 10)%	12@2.52MHz	10	4.00	100
*-BKW10081F330□ST	33@2.52MHz	±(5, 10)%	10@2.52MHz	8	4.80	85
*-BKW10081F390□ST	39@2.52MHz	±(5, 10)%	10@2.52MHz	7	5.00	80
*-BKW10081F470□ST	47@2.52MHz	±(5, 10)%	10@2.52MHz	7	5.70	60
*-BKW10081F560□ST	56@2.52MHz	±(5, 10)%	10@2.52MHz	6.5	6.00	55
*-BKW10081F680□ST	68@2.52MHz	±(5, 10)%	10@2.52MHz	6.5	6.70	50
*-BKW10081F820□ST	82@2.52MHz	±(5, 10)%	10@2.52MHz	6.5	7.50	45
*-BKW10081F101□ST	100@0.796MHz	±(5, 10)%	8@0.796MHz	4.5	11.0	40
*-BKW10081F121□ST	120@0.796MHz	±(5, 10)%	8@0.796MHz	3	13.0	30
*-BKW10081F151□ST	150@0.796MHz	±(5, 10)%	8@0.796MHz	3	15.0	25
*-BKW10081F221□ST	220@0.796MHz	±10%	8@0.796MHz	2.5	18.0	20

1210IF 系列

型号规格	感量 (μH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW1210IF1R0□ST	1.0@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	220	0.3	450
*-BKW1210IF1R2□ST	1.2@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	210	0.3	450
*-BKW1210IF1R5□ST	1.5@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	200	0.4	450
*-BKW1210IF1R8□ST	1.8@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	195	0.5	450
*-BKW1210IF2R2□ST	2.2@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	175	0.6	450
*-BKW1210IF2R7□ST	2.7@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	120	0.7	420
*-BKW1210IF3R3□ST	3.3@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	80	1.1	380
*-BKW1210IF3R9□ST	3.9@7.96MHz	$\pm(5, 10)\%$	20@7.96MHz	75	1.2	360
*-BKW1210IF4R7□ST	4.7@7.96MHz	$\pm(5, 10)\%$	18@7.96MHz	60	1.3	350
*-BKW1210IF5R6□ST	5.6@7.96MHz	$\pm(5, 10)\%$	18@7.96MHz	50	2.0	320
*-BKW1210IF6R8□ST	6.8@7.96MHz	$\pm(5, 10)\%$	18@7.96MHz	35	1.5	310
*-BKW1210IF8R2□ST	8.2@7.96MHz	$\pm(5, 10)\%$	18@7.96MHz	35	1.6	305
*-BKW1210IF100□ST	10@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	30	1.0	300
*-BKW1210IF120□ST	12@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	25	1.2	265
*-BKW1210IF150□ST	15@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	22	2.0	225
*-BKW1210IF180□ST	18@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	22	2.1	210
*-BKW1210IF220□ST	22@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	20	2.4	200
*-BKW1210IF270□ST	27@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	18	2.7	180
*-BKW1210IF330□ST	33@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	16	2.9	160
*-BKW1210IF390□ST	39@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	15	4.7	150
*-BKW1210IF470□ST	47@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	10	5.2	140
*-BKW1210IF560□ST	56@2.52MHz	$\pm(5, 10)\%$	15@2.52MHz	8.0	5.6	125
*-BKW1210IF680□ST	68@2.52MHz	$\pm(5, 10)\%$	12@2.52MHz	5.0	4.7	110
*-BKW1210IF820□ST	82@2.52MHz	$\pm(5, 10)\%$	12@2.52MHz	5.0	5.6	100
*-BKW1210IF101□ST	100@0.796MHz	$\pm(5, 10)\%$	10@0.796MHz	5.0	6.8	95
*-BKW1210IF121□ST	120@0.796MHz	$\pm(5, 10)\%$	10@0.796MHz	4.0	7.9	85
*-BKW1210IF151□ST	150@0.796MHz	$\pm(5, 10)\%$	10@0.796MHz	4.0	9.0	80
*-BKW1210IF181□ST	180@0.796MHz	$\pm(5, 10)\%$	8@0.796MHz	3.0	14.5	70
*-BKW1210IF221□ST	220@0.796MHz	$\pm(5, 10)\%$	8@0.796MHz	2.6	16.5	65
*-BKW1210IF271□ST	270@0.796MHz	$\pm 10\%$	8@0.796MHz	2.5	18	60
*-BKW1210IF331□ST	330@0.796MHz	$\pm 10\%$	8@0.796MHz	2.3	19	55
*-BKW1210IF391□ST	390@0.796MHz	$\pm 10\%$	8@0.796MHz	2.2	21.5	45
*-BKW1210IF471□ST	470@0.796MHz	$\pm 10\%$	8@0.796MHz	2.0	22.5	40
*-BKW1210IF561□ST	560@0.796MHz	$\pm 10\%$	6@0.796MHz	1.5	28.0	30

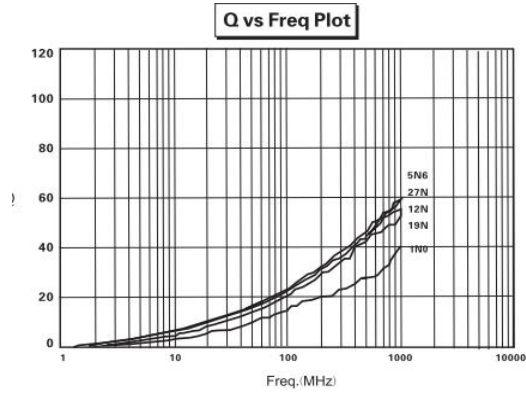
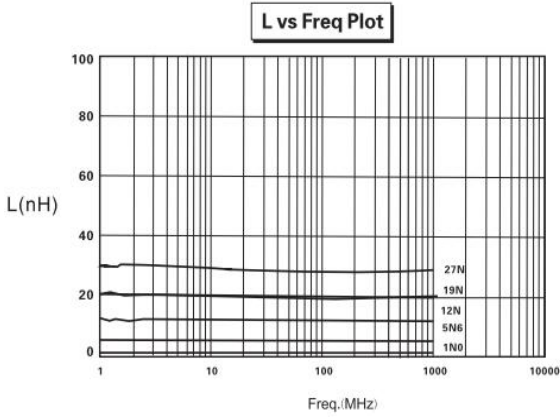
18121F 系列

型号规格	感量 (μH)	公差	Q值Min	自谐振频率 (MHz) Min	最大直流电阻 DCR (Ω)	最大额定电流 I (mA)
*-BKW18121F1R0□ST	1.0@7.96MHz	± (5, 10) %	25@7.96MHz	200	0.22	1000
*-BKW18121F1R2□ST	1.2@7.96MHz	± (5, 10) %	25@7.96MHz	200	0.25	1000
*-BKW18121F1R5□ST	1.5@7.96MHz	± (5, 10) %	25@7.96MHz	180	0.32	1000
*-BKW18121F1R8□ST	1.8@7.96MHz	± (5, 10) %	25@7.96MHz	160	0.35	950
*-BKW18121F2R2□ST	2.2@7.96MHz	± (5, 10) %	25@7.96MHz	150	0.37	900
*-BKW18121F2R7□ST	2.7@7.96MHz	± (5, 10) %	25@7.96MHz	145	0.37	850
*-BKW18121F3R3□ST	3.3@7.96MHz	± (5, 10) %	25@7.96MHz	140	0.48	800
*-BKW18121F3R9□ST	3.9@7.96MHz	± (5, 10) %	25@7.96MHz	135	0.60	750
*-BKW18121F4R7□ST	4.7@7.96MHz	± (5, 10) %	25@7.96MHz	120	1.00	700
*-BKW18121F5R6□ST	5.6@7.96MHz	± (5, 10) %	25@7.96MHz	110	0.55	650
*-BKW18121F6R8□ST	6.8@7.96MHz	± (5, 10) %	25@7.96MHz	80	0.80	600
*-BKW18121F8R2□ST	8.2@7.96MHz	± (5, 10) %	20@7.96MHz	70	0.85	600
*-BKW18121F100□ST	10@2.52MHz	± (5, 10) %	20@2.52MHz	60	1.0	550
*-BKW18121F120□ST	12@2.52MHz	± (5, 10) %	20@2.52MHz	55	1.1	550
*-BKW18121F150□ST	15@2.52MHz	± (5, 10) %	18@2.52MHz	35	1.2	500
*-BKW18121F180□ST	18@2.52MHz	± (5, 10) %	18@2.52MHz	29	1.2	500
*-BKW18121F220□ST	22@2.52MHz	± (5, 10) %	18@2.52MHz	20	1.3	450
*-BKW18121F270□ST	27@2.52MHz	± (5, 10) %	18@2.52MHz	20	1.5	400
*-BKW18121F330□ST	33@2.52MHz	± (5, 10) %	18@2.52MHz	18	1.7	350
*-BKW18121F390□ST	39@2.52MHz	± (5, 10) %	18@2.52MHz	14	1.8	350
*-BKW18121F470□ST	47@2.52MHz	± (5, 10) %	16@2.52MHz	10	2.0	300
*-BKW18121F560□ST	56@2.52MHz	± (5, 10) %	16@2.52MHz	10	2.2	290
*-BKW18121F680□ST	68@2.52MHz	± (5, 10) %	12@2.52MHz	5.4	2.4	260
*-BKW18121F820□ST	82@2.52MHz	± (5, 10) %	12@2.52MHz	5.2	2.8	240
*-BKW18121F101□ST	100@0.796MHz	± (5, 10) %	12@0.796MHz	4.0	3.0	220
*-BKW18121F121□ST	120@0.796MHz	± (5, 10) %	10@0.796MHz	3.3	3.3	220
*-BKW18121F151□ST	150@0.796MHz	± (5, 10) %	10@0.796MHz	3.0	3.7	200
*-BKW18121F181□ST	180@0.796MHz	± (5, 10) %	10@0.796MHz	3.0	4.5	200
*-BKW18121F221□ST	220@0.796MHz	± (5, 10) %	10@0.796MHz	2.5	8.0	170
*-BKW18121F271□ST	270@0.796MHz	± (5, 10) %	10@0.796MHz	2.2	8.5	160
*-BKW18121F331□ST	330@0.796MHz	±10%	10@0.796MHz	2.0	9.0	150
*-BKW18121F391□ST	390@0.796MHz	±10%	10@0.796MHz	1.8	9.5	130
*-BKW18121F471□ST	470@0.796MHz	±10%	8@0.796MHz	1.6	12.0	120
*-BKW18121F561□ST	560@0.796MHz	±10%	8@0.796MHz	1.5	12.5	110
*-BKW18121F681□ST	680@0.796MHz	±10%	8@0.796MHz	1.5	14.0	100
*-BKW18121F751□ST	750@0.796MHz	±10%	8@0.796MHz	1.5	14.5	95
*-BKW18121F821□ST	820@0.796MHz	±10%	8@0.796MHz	1.5	15.0	95
*-BKW18121F102□ST	1000@0.252MHz	±10%	6@0.252MHz	1.4	16.5	90

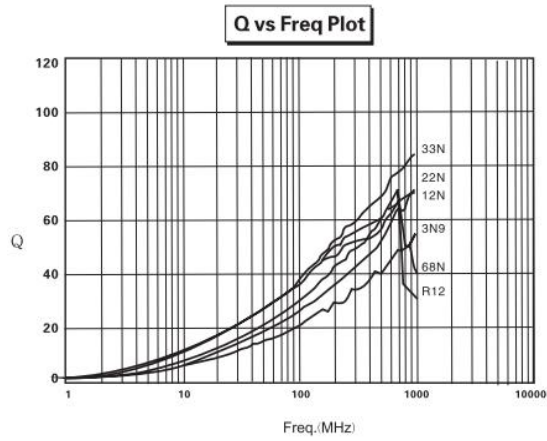
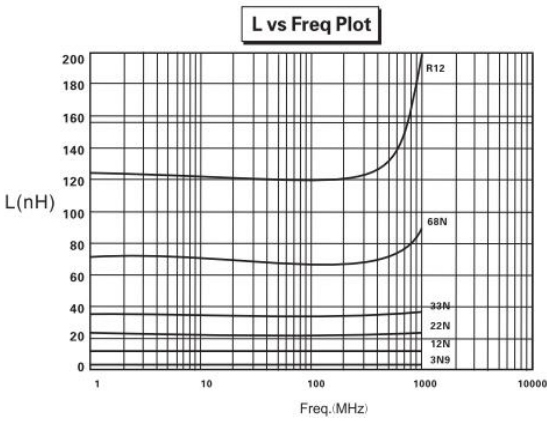
注：如需目录范围以外的其它型号规格的产品，敬请联系我公司的销售人员。

6、电性特征曲线图

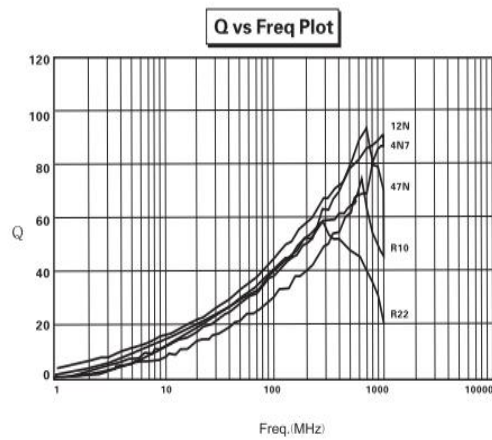
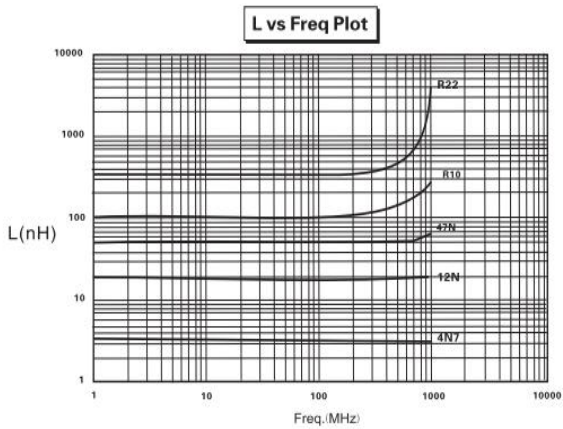
BKW0402 (1005) CERAMIC 系列



BKW0603 (1608) CERAMIC 系列

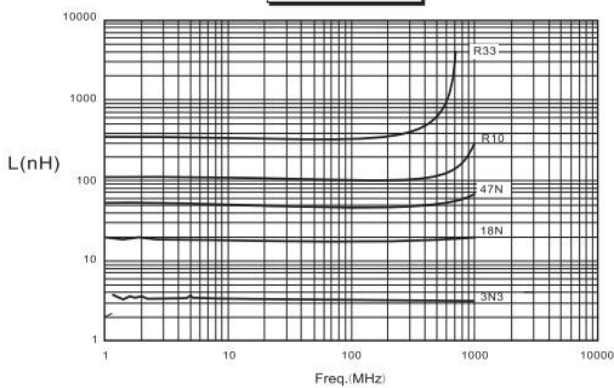


BKW0805 (2012) CERAMIC 系列

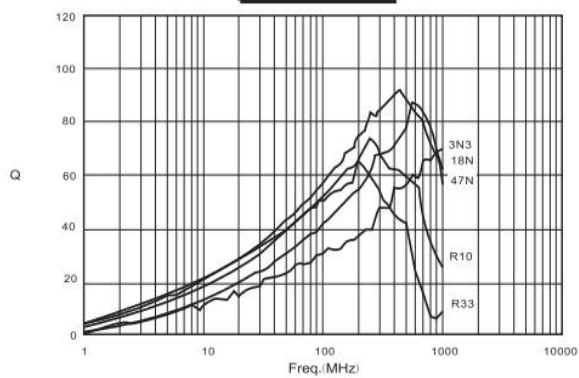


BKW1008 (2520) CERAMIC 系列

L vs Freq Plot

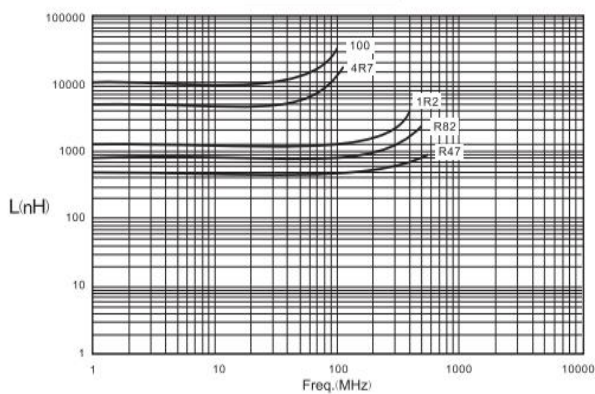


Q vs Freq Plot

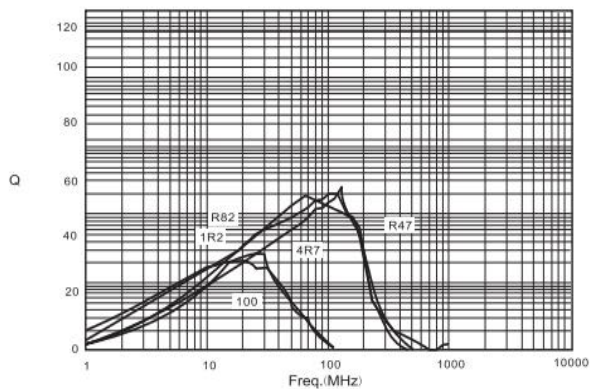


BKW0805 (2012) FERRITE 系列

L vs Freq Plot

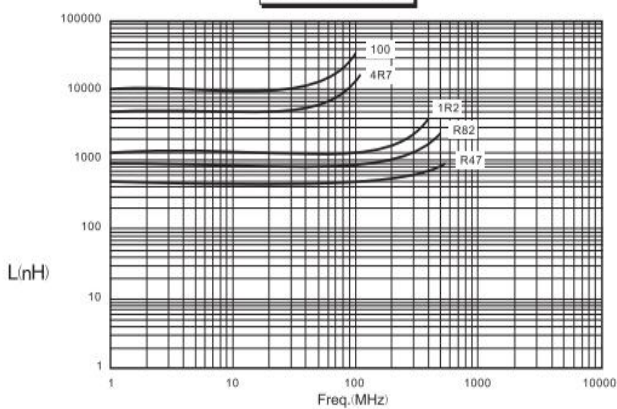


Q vs Freq Plot



BKW1008 (2520) FERRITE 系列

L vs Freq Plot



Q vs Freq Plot

