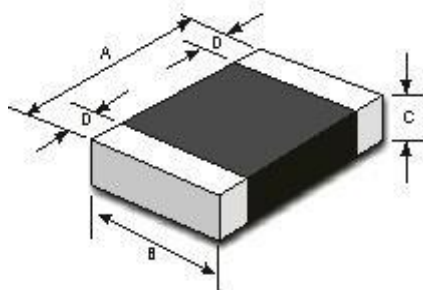


电感专业制造商

JDC系列贴片叠层铁氧体电感器

● EXTERNAL DIMENSIONS UNIT: mm (外形尺寸)



PART NO.	A(mm)	B(mm)	C(mm)	D(mm)	MOQ
JDC0402	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.1	10000 Pcs/Reel
JDC0603	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	4000 Pcs/Reel
JDC0805	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3	4000 Pcs/Reel
			1.25±0.2		
JDC1206	3.2±0.2	1.6±0.2	0.85±0.2	0.5±0.3	4000 Pcs/Reel
			1.1±0.2		

● PART NUMBERING SYSTEM (品名系统)

JDC	0805	330	K	T
1	2	3	4	5

1、SERIES NAME 品名
 2、DIMENSIONS 尺寸 外围*高度
 3、INDUCTANCE 电感值 前两位为有效数字，第三位表示零的个数
 4、TOLERANCE CODE 公差 J: ±5%, K: ±10%, L: ±15%, M: ±20%, P: ±25%, N: ±30 %
 5、PACKING CODE 包装方式 T: Tape&Reel (卷装) B: In Bulk

● FEATURES (特性)

迭层独石结构、高度可靠性，良好的可焊性和耐焊性，良好的磁屏蔽，无交叉耦合。低直流电阻，高额定电流
 Monolithic structure for high reliability, Excellent solderability and high heat resistance, No cross coupling due to magnetic shield, Low DC resistance and high current capability

● APPLICATIONS (用途)

用于电源线的扼流，如DVC/DSC/MD以及其他模块

Design As Customers Requested Specifications 可根据客户需求设计

电感专业制造商

CMFL系列贴片叠层铁氧体电感器

JDC0402 TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	UH	-	MHz	MHz	Ω	mA	mm(inch)
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r	T
JDC0402- 47NK	0.047	10	50	220	0.45	25	0.5±0.15
JDC0402- 68NK	0.068	10	50	210	0.45	25	
JDC0402- 82NK	0.082	10	50	200	0.45	25	
JDC0402- R10K	0.1	10	25	200	0.8	25	
JDC0402- R12K	0.12	10	25	165	0.8	25	
JDC0402- R15K	0.15	10	25	140	0.9	25	
JDC0402- R18K	0.18	10	25	120	0.9	25	
JDC0402- R22K	0.22	10	25	110	1.2	25	
JDC0402- R27K	0.27	15	25	95	1.2	25	
JDC0402- R33K	0.33	15	25	85	1.25	18	
JDC0402- R39K	0.39	20	10	85	0.6	15	
JDC0402- R47K	0.47	20	10	80	0.7	15	
JDC0402- R56K	0.56	20	10	75	0.8	15	
JDC0402- R68K	0.68	20	10	70	0.9	15	
JDC0402- R82K	0.82	20	10	65	0.9	15	
JDC0402- 1R0K	1.0	20	10	60	1	15	
JDC0402- 1R2K	1.2	20	10	55	1.25	15	
JDC0402- 1R5K	1.5	20	10	50	1.4	15	
JDC0402- 1R8K	1.8	20	10	45	1.55	15	
JDC0402- 2R2K	2.2	20	10	40	1.7	10	
JDC0402- 2R7K	2.7	20	10	22	2	10	
JDC0402- 3R3K	3.3	20	10	20	2.35	10	

JDC0603 TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	UH	-	MHz	MHz	Ω	mA	mm(inch)
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r	T
JDC0603- 47NK	0.047	10	50	260	0.3	50	0.8±0.15
JDC0603- 68NK	0.068	10	50	250	0.3	50	
JDC0603- 82NK	0.082	10	50	245	0.3	50	
JDC0603- R10K	0.1	15	25	240	0.5	50	
JDC0603- R12K	0.12	15	25	205	0.5	50	
JDC0603- R15K	0.15	15	25	180	0.6	50	

JDC0603 TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	UH	-	MHz	MHz	Ω	mA	mm(inch)
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r	T
JDC0603- R18K	0.18	15	25	165	0.6	50	0.8±0.15
JDC0603- R22K	0.22	15	25	150	0.6	50	
JDC0603- R27K	0.27	15	25	136	0.8	50	
JDC0603- R33K	0.33	15	25	125	0.85	35	
JDC0603- R39K	0.39	15	25	110	1	35	
JDC0603- R47K	0.47	15	25	105	1.35	35	
JDC0603- R56K	0.56	15	25	95	1.55	35	
JDC0603- R68K	0.68	15	25	90	1.7	35	
JDC0603- R82K	0.82	15	25	85	2.1	25	
JDC0603- 1R0K	1.0	35	10	90	0.7	25	
JDC0603- 1R2K	1.2	35	10	85	0.8	25	
JDC0603- 1R5K	1.5	35	10	80	0.95	25	
JDC0603- 1R8K	1.8	35	10	75	1.15	25	
JDC0603- 2R2K	2.2	35	10	70	1.25	15	
JDC0603- 2R7K	2.7	35	10	45	1.35	15	
JDC0603- 3R3K	3.3	35	10	40	1.55	15	
JDC0603- 3R9K	3.9	35	10	35	1.7	15	
JDC0603- 4R7K	4.7	35	10	33	2.1	15	
JDC0603- 5R6K	5.6	35	4	22	1.55	5	
JDC0603- 6R8K	6.8	35	4	20	1.7	5	
JDC0603- 8R2K	8.2	35	4	18	2.1	5	
JDC0603- 100K	10	30	2	17	1.85	3	
JDC0603- 120K	12	30	2	15	2.1	3	
JDC0603- 150K	15	20	1	14	1.7	1	
JDC0603- 180K	18	20	1	13	1.85	1	
JDC0603- 220K	22	20	1	11	2.1	1	
JDC0603- 270K	27	20	1	10	2.75	1	
JDC0603- 330K	33	20	1	9	2.95	1	

JDC0805 TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	UH	-	MHz	MHz	Ω	mA	mm(inch)
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r	T
JDC0805- 47NK	0.047	15	50	320	0.2	300	0.85±0.2
JDC0805- 68NK	0.068	15	50	280	0.2	300	
JDC0805- 82NK	0.082	15	50	255	0.2	300	
JDC0805- R10K	0.1	20	25	235	0.3	250	
JDC0805- R12K	0.12	20	25	220	0.3	250	
JDC0805- R15K	0.15	20	25	200	0.4	250	
JDC0805- R18K	0.18	20	25	185	0.4	250	
JDC0805- R22K	0.22	20	25	170	0.5	250	
JDC0805- R27K	0.27	20	25	150	0.5	250	
JDC0805- R33K	0.33	20	25	145	0.55	250	
JDC0805- R39K	0.39	25	25	135	0.65	250	
JDC0805- R47K	0.47	25	25	125	0.65	250	
JDC0805- R56K	0.56	25	25	115	0.75	150	
JDC0805- R68K	0.68	25	25	105	0.8	150	
JDC0805- R82K	0.82	25	25	100	1	150	
JDC0805- 1R0K	1.0	45	10	95	0.4	50	
JDC0805- 1R2K	1.2	45	10	85	0.5	50	
JDC0805- 1R5K	1.5	45	10	80	0.5	50	
JDC0805- 1R8K	1.8	45	10	75	0.6	50	
JDC0805- 2R2K	2.2	45	10	70	0.65	30	
JDC0805- 2R7K	2.7	45	10	45	0.75	30	
JDC0805- 3R3K	3.3	45	10	41	0.8	30	
JDC0805- 3R9K	3.9	45	10	38	0.9	30	
JDC0805- 4R7K	4.7	45	10	35	1	30	
JDC0805- 5R6K	5.6	50	4	32	0.9	15	
JDC0805- 6R8K	6.8	50	4	29	1	15	
JDC0805- 8R2K	8.2	50	4	26	1.1	15	
JDC0805- 100K	10	50	2	24	1.15	15	
JDC0805- 120K	12	50	2	22	1.25	15	
JDC0805- 150K	15	30	1	19	0.8	5	
JDC0805- 180K	18	30	1	18	0.9	5	
JDC0805- 220K	22	30	1	16	1.1	5	
JDC0805- 270K	27	30	1	14	1.15	5	
JDC0805- 330K	33	30	0.4	13	1.25	5	

JDC1206 TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	UH	-	MHz	MHz	Ω	mA	mm(inch)
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r	T
JDC1206- 47NK	0.047	20	50	320	0.15	300	0.85±0.2
JDC1206- 68NK	0.068	20	50	280	0.25	300	
JDC1206- R10K	0.1	20	25	235	0.25	250	
JDC1206- R12K	0.12	20	25	220	0.3	250	
JDC1206- R15K	0.15	20	25	200	0.3	250	
JDC1206- R18K	0.18	20	25	185	0.4	250	
JDC1206- R22K	0.22	20	25	170	0.4	250	
JDC1206- R27K	0.27	20	25	150	0.5	250	
JDC1206- R33K	0.33	25	25	145	0.6	250	
JDC1206- R39K	0.39	25	25	135	0.5	200	
JDC1206- R47K	0.47	25	25	125	0.6	200	
JDC1206- R56K	0.56	25	25	115	0.7	150	
JDC1206- R68K	0.68	25	25	105	0.8	150	
JDC1206- R82K	0.82	25	25	100	0.9	150	
JDC1206- 1R0K	1.0	45	10	65	0.4	100	
JDC1206- 1R2K	1.2	45	10	60	0.5	100	
JDC1206- 1R5K	1.5	45	10	55	0.5	50	
JDC1206- 1R8K	1.8	45	10	50	0.5	50	
JDC1206- 2R2K	2.2	45	10	45	0.6	50	
JDC1206- 2R7K	2.7	45	10	41	0.6	50	
JDC1206- 3R3K	3.3	45	10	38	0.7	50	
JDC1206- 3R9K	3.9	45	10	35	0.8	50	
JDC1206- 4R7K	4.7	45	10	32	0.9	50	
JDC1206- 5R6K	5.6	50	4	29	0.7	25	
JDC1206- 6R8K	6.8	50	4	26	0.8	25	
JDC1206- 8R2K	8.2	50	4	24	0.8	25	
JDC1206- 100K	10	50	2	22	1	25	
JDC1206- 120K	12	50	2	19	1.05	15	
JDC1206- 150K	15	35	1	18	0.7	5	
JDC1206- 180K	18	35	1	16	0.7	5	
JDC1206- 220K	22	35	1	15	0.8	5	
JDC1206- 270K	27	35	1	14	0.9	5	
JDC1206- 330K	33	35	0.4	13	1.05	5	1.1±0.2
JDC1206- 470K	47	40	2	10	3	5	
JDC1206- 680K	68	40	1	9	3.4	4	
JDC1206- 101K	100	40	1	8	3.8	4	