

## 代码编制规则 Part Number

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
F	C	C	2	S	D	L	6	5	7	K	L	0	9	5	0	3	1	J	1
电容器类型 Capacitor Type	产品外形 Product Shape	额定电压代码 Rated Voltage Code (DC)	系列代码 Series Code		容量代码 Capacitance Code	容量偏差 Capacitance Tolerance	直径 Diameter	高度 Height	引出端子 terminals type	引出端子间距 Terminals Pitch	底部螺栓 Bottom Bolt	图号 Style	内部特征码 Internal use						
Film Capacitor =FC	Column=C	600=2S	CBB131=DL		70=706	±5%=J	76=H	95=095	Female M6*10=0	32=3	Without=0	Style A=A							
		700=2Q	CBB131G=DW		140=147	±10%=K	85=K	120=120	Female M8*10=2	45=4	M12*16=1	Style B=B							
		800=2K			280=287	-15~0%=P	86=L	136=136	Female M10*10=4	50=5	M16*25=2	Style C=C							
		900=R2			500=507	Special=S	89=M	155=155	Female M8*12=6	60=6	M12*12=3	Style D=D							
		1000=3A			650=657		96=W	175=175	Female M5*7=8				Style E=E						
		1100=A3			700=707		116=P	225=225	Female M10*12=8				Style F=F						
		1200=3B			750=757		136=T	230=230	Male M6*20=1				Style G=G						
		1300=O3			820=827			252=252	Male M8*20=3				Style P=P						
		1500=C3			920=927			345=345	Male M10*20=5				Style J=J						
		1700=F3			950=957				Male M8*17=7				Style K=K						
		2000=3D			1000=108				Male M8*12=9				Style L=L						
		2200=D2			1100=118				Male M8*15=A				Style M=M						
		2600=3E			1500=158														
		2800=L3			1900=198														
		3000=3F			3000=308														
		3200=3U			5000=508														
		3600=3V			7200=728														

## Features

- Used in DC-Link circuits, can replace electrolytic capacitor
- PP film design, good temperature characteristics
- Stable capacity
- Low ESR, high ripple current handing capabilities
- Low Ls
- Self-healing property
- Aluminum case, filled with fire-retardant resin

## 特点

- 直流滤波用，可替代电解电容器
- 采用聚丙烯薄膜，温度特性好
- 容值稳定，变化率小
- 等效串联电阻小，能承受较大的纹波电流
- 自感小
- 有自愈性
- 铝壳，阻燃树脂灌封

## Applications

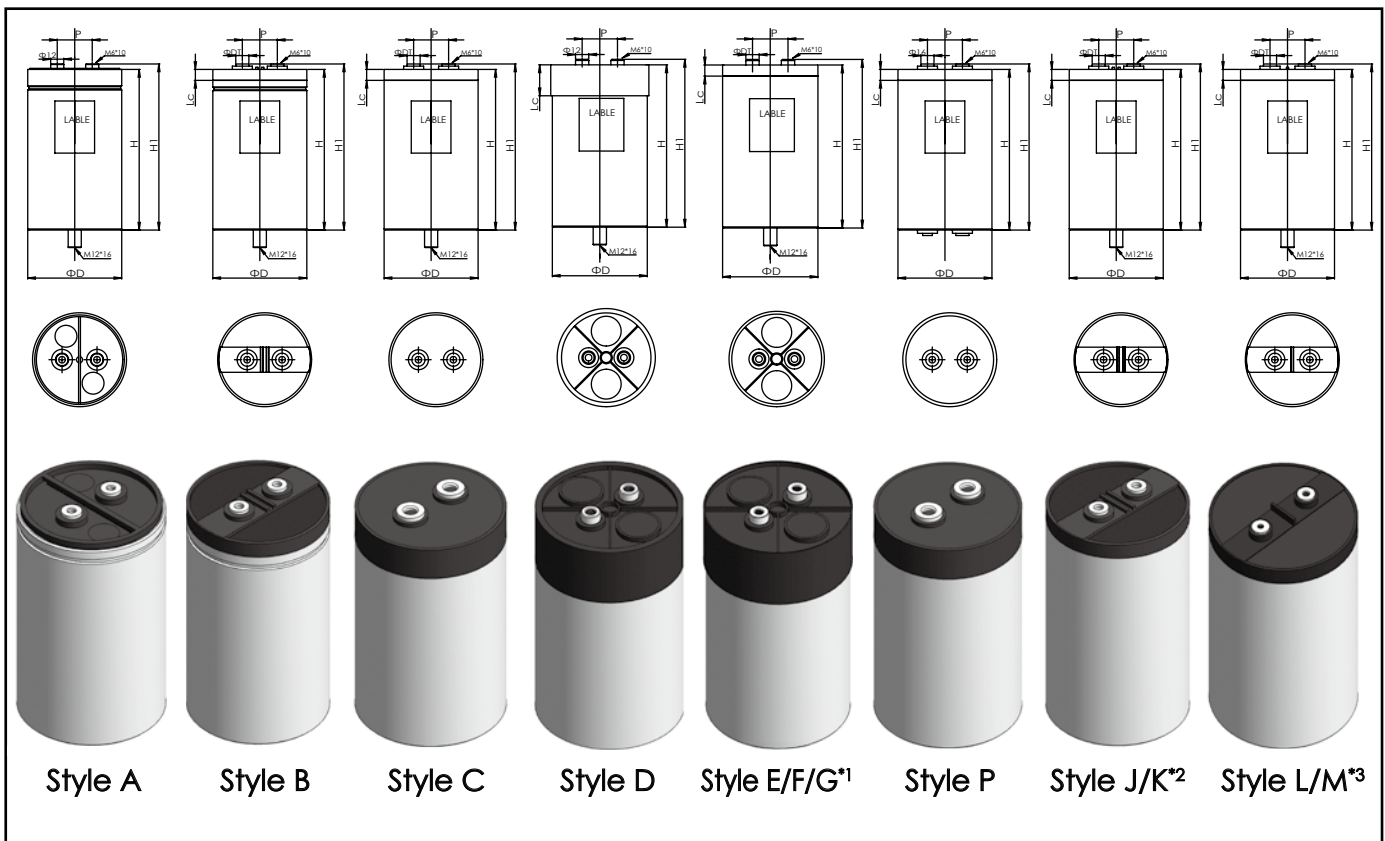
- Wind energy, Solar
- Transportation: HEV or EV
- Welders, Elevators, Motor Driver systems

## 应用场合

- 风能，太阳能
- 交通工具，如：电动车和混合动力车
- 焊接设备，电梯，电机驱动

## 外形图 Dimensions

Unit: mm



类型 Style	D ±1.0mm	D1 ±1.0mm	P ±0.5mm	H ±1.0mm	H1 ±1.0mm H1=H+5	Lc ±1.0mm
C	76	—	32	95~230	100~235	20
J	76	—	32	95~230	100~235	10
A	85	—	32	95~230	100~235	—
C	86	—	32	95~230	100~235	20
D	86	89	32	95~230	100~235	35
E/F	86	—	32	95~230	100~235	25
B/J/K	86	—	32	95~230	100~235	10/32
D	89	92	45	95~230	100~235	35
C	96	—	45	95~230	100~235	20
A	116	—	50	95~230	100~235	—
C	116	—	50	95~230	100~235	40
P	116	—	50	95~230	105~240	40
L/M	116	—	50	95~230	100~235	10
G	136	—	50	95~252	100~257	35

注：(\*1) 图E: Dt=12mm; 图F: Dt=14mm; 图G: Dt=16mm  
 (\*2) 图J: Lc=10mm Dt=12mm; 图K: Lc=32mm Dt=12mm  
 (\*3) 图L: Lc=10mm Dt=14mm; 图M: Lc=10mm Dt=12mm

## 标识 Marking

	1
FCC2SDL657KL095031J	2
CBB131	3
650 $\mu$ F $\pm$ 10%	4
$U_R=600$ VDC SH	5
$U_{TC}=3000$ V 50/60Hz	6
-55~+85 $^{\circ}$ C IEC61071	7
Discharge before handling	8
J37F26 <sub>104</sub>	9

NO.	项目 Item
1	商标 Brand
2	产品代码 Products code
3	产品系列 Products series
4	容量和偏差 Capacitance and Tolerance
5	额定电压和自愈性 Rated voltage and Self-healing property
6	端子与铝壳电压 $U_{TC}$ Voltage Between Terminals and Case
7	温度范围 Temperature Range 引用标准 Reference Standard
8	安全警示 Safety Warning
9	年度标记 Year code 二维码 QR Code

## 性能特性 Specifications

项目 Item	特性 Characteristics			
引用标准 Reference Standard	GB/T 17702 (IEC 61071)			
气候类别 Climatic Category	55/85/56			
工作温度范围 Operating Temperature Range	-55~+85 $^{\circ}$ C ( $\theta_{hotspot} \leq 85^{\circ}$ C)			
存储温度范围 Storage Temperature Range	-55~+85 $^{\circ}$ C			
额定电压 $U_R$ Rated Voltage	600~3600V <sub>DC</sub>			
电容量范围 Capacitance Range	100~7200 $\mu$ F			
电容量偏差 Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)			
端子与端子电压 $U_{TT}$ Voltage Between Terminals	$1.5 \times U_R V_{DC}$ , 10s (20 $^{\circ}$ C)			
端子与铝壳电压 $U_{TC}$ Voltage Between Terminals and Case	$> 3000 V_{AC}$ , 10s (20 $^{\circ}$ C, 50 Hz)			
介质损耗角正切 Dielectric Dissipation Factor	$\leq 2 \times 10^{-4}$			
绝缘电阻 Insulation Resistance	$IR \cdot C \geq 10000s$ (20 $^{\circ}$ C, 100V <sub>DC</sub> , 1min)			
过电压 Over Voltage	1.1 $U_R$ (30% of on-load-duration)			
	1.15 $U_R$ (30 min/day)			
	1.2 $U_R$ (5 min/day)			
	1.3 $U_R$ (1 min/day)			
	1.5 $U_R$ (30 ms every time, 100ms/day)			
最大电极扭矩 Max Torque of terminals	M5:3 Nm	M6:5 Nm	M8:6 Nm	M10:8 Nm
最大安装扭矩 Max Torque of installation	M12: 12 Nm		M16: 15Nm	
预期寿命 Life Expectancy	100000 hours ( $U_R, \theta_{hotspot}=70^{\circ}$ C)			
失效率 Failure Rate	50 FIT			

## 规格标准 Standard Ratings

U <sub>r</sub> (V)	C <sub>r</sub> (μF)	P/N	I <sub>max</sub> (A)			R <sub>th</sub> (K/W)	Ī (A)	R <sub>s</sub> (mΩ)	L <sub>s</sub> (nH)	D (mm)	H (mm)	
			40℃	50℃	60℃							
600	480	FCC2SDL487*H09503*1	70	61	50	5.1	4800	1.6	≤50	76	95	
	650	FCC2SDL657**09503*1	81	70	57	5.6	5200	1.1	≤50	85/86	95	
	650	FCC2SDL657*H12003*1	67	58	47	4.7	5200	1.9	≤60	76	120	
	770	FCC2SDL777*H13603*1	88	76	62	4.3	6160	1.2	≤60	76	136	
	880	FCC2SDL887**12003*1	80	69	57	4.8	6248	1.3	≤60	85/86	120	
	950	FCC2SDL957*H17503*2	82	71	58	4.2	6650	1.4	≤60	76	175	
	1000	FCC2SDL108**13603*1	93	81	66	4.6	6700	1.0	≤60	85/86	136	
	1100	FCC2SDL118**15503*2	81	70	57	4.4	6600	1.4	≤50	85/86	155	
	1200	FCC2SDL128*P09505*1	96	83	68	5.4	7200	0.8	≤50	116	95	
	1300	FCC2SDL138**17503*2	96	84	68	4.3	7800	1.0	≤60	85/86	175	
	1600	FCC2SDL168*P12005*1	94	82	67	5.0	9600	0.9	≤60	116	120	
	1800	FCC2SDL188**22503*2	95	83	67	4.0	10800	1.1	≤60	85/86	225	
	1900	FCC2SDL198*P13605*1	86	75	61	4.9	11400	1.1	≤60	116	136	
	2100	FCC2SDL218*P15505*2	100	100	85	4.6	11550	0.6	≤60	116	155	
	2400	FCC2SDL248*P17505*2	100	100	86	4.5	12000	0.6	≤60	116	175	
	3000	FCC2SDL308*P23005*2	100	100	96	2.7	15000	0.8	≤60	116	230	
	5000	FCC2SDL508*P34505*3	100	100	100	2.2	25000	0.9	≤80	116	345	
	5600	FCC2SDL578*P25205*2	100	100	100	2.0	28000	0.8	≤80	136	252	
	7200	FCC2SDL728*P34505*3	100	100	100	1.8	36000	0.8	≤80	136	345	
	700	350	FCC2QDL357*H09503*1	70	61	50	5.1	3600	1.6	≤60	76	95
480		FCC2QDL487*H12003*1	64	55	45	4.7	3840	2.1	≤60	76	120	
480		FCC2QDL487**09503*1	71	62	51	5.6	3840	1.4	≤60	85/86	95	
580		FCC2QDL587*H13603*1	60	52	43	4.6	5800	2.4	≤60	76	136	
620		FCC2QDL627*H15503*1	79	68	56	4.3	6200	1.5	≤60	76	155	
700		FCC2QDL707*H17503*1	77	67	55	4.2	7200	1.6	≤60	76	175	
750		FCC2QDL757*P13603*1	66	57	47	4.6	7200	2.0	≤60	86	136	
780		FCC2QDL787*P13603*1	68	59	48	4.6	7800	1.9	≤60	86	136	
920		FCC2QDL927*P09505*1	100	89	73	5.4	9200	0.7	≤60	116	95	
950		FCC2QDL957*P17503*2	79	68	56	4.3	9500	1.5	≤60	86	175	
1200		FCC2QDL128*P12005*2	89	77	63	5.0	7200	1.0	≤60	116	120	
1500		FCC2QDL158*P13605*1	86	75	61	4.9	9000	1.1	≤60	116	136	
1500		FCC2QDL158*P15505*2	100	90	74	4.6	9000	0.8	≤60	116	155	
1800		FCC2QDL188*P17505*2	94	82	67	4.5	10800	1.0	≤60	116	175	
2300		FCC2QDL238*P23005*2	100	100	96	2.7	13800	0.8	≤60	116	230	
4200		FCC2QDL428*P25205*2	100	100	100	2.0	25200	0.8	≤80	136	252	
800		280	FCC2KDL287*H09503*1	68	59	48	5.1	2800	1.7	≤50	76	95
		370	FCC2KDL377**09503*1	69	60	49	5.6	3700	1.5	≤50	85/86	95
		380	FCC2KDL387*H12003*1	58	51	41	4.7	3800	2.2	≤60	76	120
		430	FCC2KDL437*H13603*1	57	49	40	4.6	4300	2.6	≤60	76	136
	470	FCC2KDL477*H15503*2	76	66	54	4.3	4700	1.6	≤60	76	155	
	510	FCC2KDL517**12003*1	70	61	50	4.8	5100	1.7	≤60	85/86	120	
	560	FCC2KDL567*H17503*2	73	63	51	4.2	5600	1.7	≤60	76	175	
	580	FCC2KDL587**13603*1	68	59	48	4.6	5800	1.9	≤60	85/86	136	
	640	FCC2KDL647**15503*2	91	79	64	4.4	6400	1.1	≤50	85/86	155	
	710	FCC2KDL717*P09505*1	82	71	58	5.4	7100	1.1	≤50	116	95	
	750	FCC2KDL757**17503*2	85	73	60	4.3	7500	1.3	≤60	85/86	175	
	970	FCC2KDL977*P12005*1	82	71	58	5.0	7760	1.2	≤60	116	120	
	1000	FCC2KDL108**22503*2	85	73	60	4.0	8000	1.4	≤60	85/86	225	
	1000	FCC2KDL108*P13605*1	76	66	54	4.9	8000	1.4	≤60	116	136	
	1200	FCC2KDL128*P15505*2	100	90	74	4.6	9600	0.8	≤60	116	155	
	1400	FCC2KDL148*P17505*2	100	91	75	4.5	11200	0.8	≤60	116	175	
	1800	FCC2KDL188*P23005*2	100	100	86	2.7	11700	1.0	≤60	116	230	
	2000	FCC2KDL208*P17505*2	100	100	90	3.5	12000	0.7	≤80	136	175	
	2700	FCC2KDL278*P23005*2	100	100	93	2.9	16200	0.8	≤80	136	230	
	3100	FCC2KDL318*P25205*2	100	100	100	2.0	18600	1.0	≤80	136	252	
3300	FCC2KDL338*P34505*3	100	100	100	2.2	19800	0.9	≤80	116	345		
4300	FCC2KDL438*P34505*3	100	100	100	1.8	25800	0.9	≤80	136	345		
900	280	FCCR2DL287*H09503*1	63	54	44	5.1	2800	2.0	≤50	76	95	
	370	FCCR2DL377**09503*1	67	58	47	5.6	3700	1.6	≤50	85/86	95	
	380	FCCR2DL387*H12003*1	56	49	40	4.7	3800	2.6	≤60	76	120	
	430	FCCR2DL437*H13603*1	55	47	39	4.6	4300	2.9	≤60	76	136	
	470	FCCR2DL477*H15503*2	74	64	52	4.3	4700	1.7	≤60	76	155	
	510	FCCR2DL517**12003*1	68	59	48	4.8	5100	1.8	≤60	85/86	120	
	560	FCCR2DL567*H17503*2	69	60	49	4.2	5600	2.0	≤60	76	175	
	580	FCCR2DL587**13603*1	64	56	46	4.6	5800	2.1	≤60	85/86	136	
	640	FCCR2DL647**15503*2	87	75	62	4.4	6400	1.2	≤50	85/86	155	
	710	FCCR2DL717*P09505*1	79	68	56	5.4	7100	1.2	≤50	116	95	
	750	FCCR2DL757**17503*2	82	71	58	4.3	7500	1.4	≤60	85/86	175	
	970	FCCR2DL977*P12005*1	798	68	55	5.0	7600	1.3	≤60	116	120	
	1000	FCCR2DL108**22503*2	82	71	58	4.0	8000	1.5	≤60	85/86	225	
	1000	FCCR2DL108*P13605*1	74	64	52	4.9	8000	1.5	≤60	116	136	
	1200	FCCR2DL128*P15505*2	93	81	66	4.6	9600	1.0	≤60	116	155	
	1400	FCCR2DL148*P17505*2	99	86	70	4.5	11200	0.9	≤60	116	175	
	1800	FCCR2DL188*P23005*2	100	100	82	2.7	11700	1.1	≤60	116	230	
	2000	FCCR2DL208*P17505*2	100	100	100	2.5	12000	0.8	≤80	136	175	
	2700	FCCR2DL278*P23005*2	100	100	88	2.9	16200	0.9	≤80	136	230	
	3100	FCCR2DL318*P25205*2	100	100	95	2.0	18600	1.1	≤80	136	252	
3300	FCCR2DL338*P34505*3	100	100	95	2.2	19800	1.0	≤80	116	345		
4300	FCCR2DL438*P34505*3	100	100	100	1.8	25800	1.0	≤80	136	345		
1000	220	FCC3ADL227*H09503*1	57	50	40	5.1	2420	2.4	≤50	76	95	
	290	FCC3ADL297**09503*1	65	56	46	5.6	3190	1.7	≤50	85/86	95	
	300	FCC3ADL307*H12003*1	55	48	39	4.7	3300	2.8	≤60	76	120	
	330	FCC3ADL337*H13603*1	54	47	38	4.6	3630	3.0	≤60	76	136	
	360	FCC3ADL367*H15503*2	72	62	51	4.3	3960	1.8	≤60	76	155	
	400	FCC3ADL407**12003*1	66	57	47	4.8	4400	1.9	≤60	85/86	120	
	420	FCC3ADL427*H17503*2	69	60	49	4.2	4620	2.0	≤60	76	175	
	450	FCC3ADL457**13603*1	64	56	46	4.6	4950	2.1	≤60	85/86	136	
	500	FCC3ADL507**15503*2	87	75	62	4.4	5000	1.2	≤50	85/86	155	
	540	FCC3ADL547*P09505*1	79	68	56	5.4	5400	1.2	≤50	116	95	
	560	FCC3ADL567**17503*2	82	71	58	4.3	5600	1.4	≤60	85/86	175	
	740	FCC3ADL747*P12005*1	79	68	55	5.0	7400	1.3	≤60	116	120	
	810	FCC3ADL817**22503*2	81	79	65	3.0	8100	1.6	≤60	85/86	225	
	860	FCC3ADL867*P13605*1	71	62	51	4.9	8600	1.6	≤60	116	136	
900	FCC3ADL907*P15505*2	98	85	70	4.6	8760	0.9	≤60	116	155		
1100	FCC3ADL118*P17505*2	99	86	70	4.5	8800	0.9	≤60	116	175		

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## 规格标准 Standard Ratings

U <sub>r</sub> (V)	C <sub>r</sub> (μF)	P/N	I <sub>max</sub> (A)			R <sub>m</sub> (K/W)	İ (A)	R <sub>s</sub> (mΩ)	L <sub>s</sub> (nH)	D (mm)	H (mm)	
			40℃	50℃	60℃							
1000	1400	FCC3ADL148*P23005*2	100	100	82	2.7	11200	1.1	≤60	116	230	
	1500	FCC3ADL158*P17505*2	100	100	100	2.5	12000	0.8	≤80	136	175	
	2100	FCC3ADL218*P23005*2	100	100	88	2.9	12600	0.9	≤80	136	230	
	2200	FCC3ADL228*P34505*3	100	100	91	2.2	13200	1.1	≤80	116	345	
	2400	FCC3ADL248*P25205*2	100	100	95	2.0	14400	1.1	≤80	136	252	
	3200	FCC3ADL328*P34505*3	100	100	100	1.8	19200	1.1	≤80	136	345	
	170	FCCA3DL177*H09503*1	54	47	38	5.1	2040	2.7	≤50	76	95	
	240	FCCA3DL247**09503*1	61	53	43	5.6	2880	1.9	≤50	85/86	95	
	240	FCCA3DL247*H12003*1	52	45	37	4.7	2880	3.1	≤60	76	120	
	270	FCCA3DL277*H13603*1	51	44	36	4.6	3240	3.4	≤60	76	136	
1100	300	FCCA3DL307*H15503*2	68	59	48	4.3	3600	2.0	≤60	76	155	
	320	FCCA3DL327**12003*1	62	53	44	4.8	3840	2.2	≤60	85/86	120	
	350	FCCA3DL357*H17503*2	64	56	46	4.2	4200	2.3	≤60	76	175	
	420	FCCA3DL427**13603*1	60	52	43	4.6	5040	2.4	≤60	85/86	136	
	420	FCCA3DL427**15503*2	81	70	57	4.4	5040	1.4	≤50	85/86	155	
	450	FCCA3DL457*P09505*1	75	65	53	5.4	5400	1.3	≤50	116	95	
	480	FCCA3DL487**17503*2	76	66	54	4.3	5760	1.6	≤60	85/86	175	
	620	FCCA3DL627*P12005*1	73	63	52	5.0	6200	1.5	≤60	116	120	
	650	FCCA3DL657**22503*2	75	65	53	4.0	6500	1.8	≤60	85/86	225	
	690	FCCA3DL697*P13605*1	69	60	49	4.9	6900	1.7	≤60	116	136	
	770	FCCA3DL777*P15505*2	93	81	66	4.6	7700	1.0	≤60	116	155	
	910	FCCA3DL917*P17505*2	94	82	67	4.5	9100	1.0	≤60	116	175	
	1200	FCCA3DL128*P23005*2	100	96	79	2.7	9600	1.2	≤60	116	230	
	1200	FCCA3DL128*P17505*2	100	100	94	2.5	9600	0.9	≤80	136	175	
	1700	FCCA3DL178*P23005*2	100	100	83	2.9	13600	1.0	≤80	136	230	
	1900	FCCA3DL198*P25205*2	100	100	95	2.0	15200	1.1	≤80	136	252	
	2000	FCCA3DL208*P34505*3	100	100	84	2.2	16000	1.3	≤80	116	345	
	2900	FCCA3DL298*P34505*3	100	100	100	1.8	23200	1.0	≤80	136	345	
	1200	140	FCC3BDL147*H09503*1	51	44	36	5.1	1680	3.0	≤50	76	95
		190	FCC3BDL197**09503*1	58	51	41	5.6	2280	2.1	≤50	85/86	95
200		FCC3BDL207*H12003*1	50	43	35	4.7	2400	3.4	≤50	76	120	
220		FCC3BDL227*H13603*1	48	42	34	4.6	2640	3.7	≤60	76	136	
240		FCC3BDL247*H15503*2	65	56	46	4.3	2880	2.2	≤60	76	155	
260		FCC3BDL267**12003*1	59	51	42	4.8	3120	2.4	≤60	85/86	120	
280		FCC3BDL287*H17503*2	62	53	44	4.2	3360	2.5	≤60	76	175	
300		FCC3BDL307**13603*1	58	50	41	4.6	3600	2.6	≤60	85/86	136	
330		FCC3BDL337**15503*2	78	67	55	4.4	3960	1.5	≤50	85/86	155	
360		FCC3BDL367*P09505*1	73	63	51	5.4	4320	1.4	≤50	116	95	
380		FCC3BDL387**17503*2	72	62	51	4.3	4560	1.8	≤60	85/86	175	
500		FCC3BDL507*P12005*1	69	59	49	5.0	5500	1.7	≤60	116	120	
540		FCC3BDL547**22503*2	71	61	50	4.0	5940	2.0	≤60	85/86	225	
570		FCC3BDL577*P13605*1	66	57	46	4.9	6270	1.9	≤60	116	136	
620		FCC3BDL627*P15505*2	89	77	63	4.6	6820	1.1	≤60	116	155	
720		FCC3BDL727*P17505*2	90	78	64	4.5	7920	1.1	≤60	116	175	
950		FCC3BDL957*P23005*2	100	92	75	2.7	9500	1.3	≤60	116	230	
1000		FCC3BDL108*H17505*2	100	100	89	2.5	10000	1.0	≤80	136	175	
1400		FCC3BDL148*P23005*2	100	97	79	2.9	14000	1.1	≤80	136	230	
1600		FCC3BDL168*H25205*2	100	100	91	2.0	16000	1.2	≤80	136	252	
1600	FCC3BDL168*P34505*3	100	100	95	2.2	16000	1.0	≤80	116	345		
2200	FCC3BDL228*P34505*3	100	100	100	1.8	23200	1.0	≤80	136	345		
1300	120	FCCO3DL127*H09503*1	49	42	34	5.1	1440	3.3	≤50	76	95	
	160	FCCO3DL167**09503*1	56	48	39	5.6	1920	2.3	≤50	85/86	95	
	160	FCCO3DL167*H12003*1	48	42	34	4.7	1920	3.7	≤60	76	120	
	180	FCCO3DL187*H13603*1	46	40	33	4.6	2160	4.1	≤60	76	136	
	210	FCCO3DL217*H15503*2	62	54	44	4.3	2520	2.4	≤60	76	155	
	220	FCCO3DL227**12003*1	57	49	40	4.8	2640	2.6	≤60	85/86	120	
	240	FCCO3DL247*H17503*2	58	51	41	4.2	2880	2.8	≤60	76	175	
	250	FCCO3DL257**13603*1	55	47	39	4.6	3000	2.9	≤60	85/86	136	
	280	FCCO3DL287**15503*2	73	63	52	4.4	3360	1.7	≤50	85/86	155	
	310	FCCO3DL317*P09505*1	68	59	48	5.4	3720	1.6	≤50	116	95	
	320	FCCO3DL327**17503*2	70	61	49	4.3	3840	1.9	≤60	85/86	175	
	420	FCCO3DL427*P12005*1	67	58	47	5.0	5040	1.8	≤60	116	120	
	450	FCCO3DL457**22503*2	67	58	48	4.0	5400	2.2	≤60	85/86	225	
	480	FCCO3DL487*P13605*1	62	54	44	4.9	5760	2.1	≤60	116	136	
	530	FCCO3DL537*P15505*2	89	77	63	4.6	6360	1.1	≤60	116	155	
	630	FCCO3DL637*P17505*2	90	78	64	4.5	7560	1.1	≤60	116	175	
	820	FCCO3DL827*P23005*2	99	86	70	2.7	9840	1.5	≤60	116	230	
	880	FCCO3DL887*H17505*2	100	100	85	2.5	10560	1.1	≤80	136	175	
	1200	FCCO3DL128*P23005*2	100	93	76	2.9	13200	1.2	≤80	136	230	
	1300	FCCO3DL138*P25205*2	100	100	88	2.0	14300	1.3	≤80	136	252	
1400	FCCO3DL148*P34505*3	100	100	87	2.2	15400	1.2	≤80	116	345		
1900	FCCO3DL198*P34505*3	100	100	96	1.8	20900	1.2	≤80	136	345		
1500	170	FCCC3DL177**12003*1	52	45	37	4.8	2040	3.1	≤60	85/86	120	
	210	FCCC3DL217**15503*2	67	58	48	4.4	2520	2.0	≤60	85/86	155	
	310	FCCC3DL317*P12005*1	62	53	44	5.0	3720	2.1	≤60	116	120	
	330	FCCC3DL337**22503*2	63	55	45	4.0	3960	2.5	≤60	85/86	225	
	400	FCCC3DL407*P15505*2	79	68	56	4.6	4800	1.4	≤60	116	155	
	600	FCCC3DL607*P23005*2	93	81	66	2.7	7200	1.7	≤60	116	230	
	1000	FCCC3DL108*H25205*2	100	100	100	2.0	12000	1.0	≤80	136	252	
	1000	FCCC3DL108*P34505*3	100	100	95	2.2	12000	1.0	≤80	116	345	
	1400	FCCC3DL148*P34505*3	100	100	100	1.8	16800	1.0	≤80	136	345	
	130	FCCF3DL137**12003*1	49	42	35	4.8	1560	3.5	≤60	85/86	120	
1700	160	FCCF3DL167**15503*2	63	54	44	4.4	1920	2.3	≤60	85/86	155	
	240	FCCF3DL247*P12005*1	58	50	41	5.0	2880	2.4	≤60	116	120	
	250	FCCF3DL257**22503*2	59	51	42	4.0	3000	2.9	≤60	85/86	225	
	300	FCCF3DL307*P15505*2	74	64	52	4.6	3600	1.6	≤60	116	155	
	460	FCCF3DL467*P23005*2	91	79	64	2.7	5520	1.8	≤60	116	230	
	760	FCCF3DL767*P25205*2	100	91	75	2.0	9120	1.8	≤80	136	252	
2000	100	FCC3DDL107**12003*1	46	40	32	4.8	1200	4.0	≤60	85/86	120	
	120	FCC3DDL127**15503*2	60	52	43	4.4	1440	2.5	≤60	85/86	155	
	190	FCC3DDL197*P12005*1	54	47	38	5.0	2280	2.7	≤60	116	120	
	190	FCC3DDL197**22503*2	55	48	39	4.0	2280	3.3	≤60	85/86	225	
	240	FCC3DDL247*P15505*2	70	60	49	4.6	2880	1.8	≤60	116	155	
	370	FCC3DDL377*P23005*2	82	71	58	2.7	4440	2.2	≤60	116	230	
600	FCC3DDL607*P34505*3	100	100	87	2.2	6000	1.2	≤80	116	345		

## 规格标准 Standard Ratings

U <sub>r</sub> (V)	C <sub>r</sub> (μF)	P/N	I <sub>max</sub> (A)			R <sub>th</sub> (K/W)	Ī (A)	R <sub>s</sub> (mΩ)	L <sub>s</sub> (nH)	D (mm)	H (mm)
			40℃	50℃	60℃						
2000	600	FCC3DDL607*T25205*1	100	100	91	2.0	6000	1.2	≤80	136	252
	800	FCC3DDL807*T34505*3	100	100	100	1.8	9600	1.1	≤80	136	345
	90	FCCD2DL906*L13603*1	48	42	34	4.6	1080	3.7	≤60	86	136
2200	140	FCCD2DL147*P12005*2	60	52	43	5.0	1680	2.2	≤60	116	120
	150	FCCD2DL157*L22503*2	73	63	51	4.0	1800	1.9	≤60	86	225
	170	FCCD2DL177*P15505*2	59	51	42	4.6	2040	2.5	≤60	116	155
	210	FCCD2DL217*P17505*2	90	78	64	4.5	25200	1.1	≤60	116	175
	290	FCCD2DL297*P23005*2	100	89	73	2.7	3480	1.4	≤60	116	230
	400	FCCD2DL407*T23005*2	100	93	76	2.9	4800	1.2	≤80	136	230
	450	FCCD2DL457*P34505*3	100	100	87	2.2	5400	1.2	≤80	116	345
	500	FCCD2DL507*T25205*2	100	100	87	2.0	6000	1.3	≤80	136	252
	660	FCCD2DL667*T34505*3	100	100	100	1.8	7920	1.1	≤80	136	345
	2600	63	FCC3EDL636*L15503*1	47	41	33	4.4	756	4.1	≤60	86
100		FCC3EDL107*L22503*1	65	56	46	4.0	1200	2.4	≤60	86	225
100		FCC3EDL107*P12005*2	62	53	44	5.0	1200	2.1	≤60	116	120
120		FCC3EDL127*P15505*2	57	49	40	4.6	1440	2.7	≤60	116	155
140		FCC3EDL147*P17505*2	86	75	61	4.5	1680	1.2	≤60	116	175
200		FCC3EDL207*P23005*1	99	86	70	2.7	2400	1.5	≤60	116	230
200		FCC3EDL207*T17505*2	100	100	85	2.5	2400	1.1	≤80	136	175
280		FCC3EDL287*T23005*2	100	89	73	2.9	3360	1.3	≤80	136	230
320		FCC3EDL327*P34505*3	100	99	81	2.2	3840	1.4	≤80	116	345
340		FCC3EDL347*T25205*2	100	100	85	2.0	4080	1.4	≤80	136	252
2800	450	FCC3EDL457*T34505*3	100	100	92	1.8	5400	1.3	≤80	136	345
	86	FCCL3DL866*P12005*1	57	49	40	5.0	1032	2.5	≤60	116	120
	88	FCCL3DL886*L22503*1	67	58	48	4.0	1056	2.2	≤60	86	225
	100	FCCL3DL107*P13603*1	53	46	38	4.9	1200	2.9	≤60	116	136
	120	FCCL3DL127*P17505*2	65	56	46	4.5	1440	2.1	≤60	116	175
	170	FCCL3DL177*T17505*2	100	89	73	2.5	2040	1.5	≤80	136	175
	240	FCCL3DL247*T23005*2	100	87	72	2.9	2880	1.4	≤80	136	230
	270	FCCL3DL277*P34505*3	100	99	81	2.2	3240	1.4	≤80	116	345
	290	FCCL3DL297*T25205*2	100	97	79	2.0	3480	1.6	≤80	136	252
	390	FCCL3DL397*T34505*3	100	100	92	1.8	4680	1.2	≤80	136	345
3000	46	FCC3FDL466*L13603*1	43	38	31	4.6	552	4.6	≤60	86	136
	74	FCC3FDL746*P12005*1	55	48	39	5.0	888	2.6	≤60	116	120
	75	FCC3FDL756*L22503*1	66	57	47	4.0	900	2.3	≤60	86	225
	100	FCC3FDL107*P17505*2	83	72	58	4.5	1200	1.3	≤60	116	175
	140	FCC3FDL147*T17505*2	100	87	71	2.5	1680	1.6	≤80	136	175
	200	FCC3FDL207*T23005*2	99	86	70	2.9	2400	1.4	≤80	136	230
3200	240	FCC3FDL247*P34505*3	100	100	91	2.2	2880	1.1	≤80	116	345
	250	FCC3FDL257*T25205*2	100	100	91	2.0	3000	1.2	≤80	136	252
	330	FCC3FDL337*T34505*3	100	100	100	1.8	3960	1.0	≤80	136	345
	64	FCC3UDL646*P12005*1	58	50	41	5.0	768	2.4	≤60	116	120
	65	FCC3UDL656*L22503*1	45	39	32	4.0	780	4.9	≤60	86	225
	92	FCC3UDL926*P17505*2	83	72	58	4.5	1104	1.3	≤60	116	175
	120	FCC3UDL127*T17505*2	97	84	69	2.5	1440	1.7	≤80	136	175
	180	FCC3UDL187*T23005*2	99	86	70	2.9	2160	1.4	≤80	136	230
	210	FCC3UDL217*P34505*3	100	100	83	2.2	2520	1.3	≤80	116	345
	220	FCC3UDL227*T25205*2	100	100	85	2.0	2640	1.4	≤80	136	252
3600	300	FCC3UDL307*T34505*3	100	100	96	1.8	3600	1.2	≤80	136	345
	44	FCC3VDL446*P12005*1	59	51	42	5.0	528	2.3	≤60	116	120
	45	FCC3VDL456*L22503*1	71	61	50	4.0	540	2.0	≤60	86	225
	88	FCC3VDL886*P23005*2	100	89	73	2.7	1056	1.4	≤60	116	230
	120	FCC3VDL127*T23005*2	100	89	73	2.9	1440	1.3	≤80	136	230
	160	FCC3VDL167*P34505*3	100	100	86	2.2	1920	1.2	≤80	116	345
	170	FCC3VDL177*T25205*2	100	100	88	2.0	2040	1.3	≤80	136	252
	230	FCC3VDL237*T34505*3	100	100	100	1.8	2760	1.0	≤80	136	345

\* R<sub>th</sub> 为产品热点到环境的热阻 (自然冷却)

\* The thermal Resistance from hotspot to ambient environment (Natural cooling)

可根据客户要求定制。Customer products are available on request.

## 预期寿命曲线 Expected lifetime curve

