

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
F	C	C	3	A	D	Q	5	0	6	K	C	0	6	4	C	0
电容器类型 Capacitor Type	产品外形 Product Shape	额定电压代码 Rated Voltage Code	系列代码 Series Code			容量代码 Capacitance Code	容量偏差 Capacitance Tolerance		直径 Diameter	总高度 Total height		引线长度 Lead diameter	底部螺栓 Bottom bolt			
FC=薄膜电容器 FC=Film Capacitor	圆柱型=C Column=C	800=2K 1000=3A 1200=3B 1600=3C 2000=3D 3000=3F 4000=3G 5000=3H	CBB122=DQ			50=506 200=207 800=807 2000=208 1000=108 3000=308	±5%=J ±10%=K Special=S		56=C 63.5=E	64=064 71=071		200=A 235=B 300=C 350=D	无=0 Without=0 M8*10=4			

Features

- Round plastic case, small size, light weight, high energy storage density
- Small loss, low internal temperature rise
- self-healing performance is excellent, the reliability is high

Recommended circuit

- Small and medium power pulse laser power supply: pulse laser power supply, marking machine, engraving machine, spot welding machine and other pulse laser power supply
- Multiplexing laser power supply, pressurized Q module, continuous laser power supply
- Special capacitance of electronic police flash lamp

特点

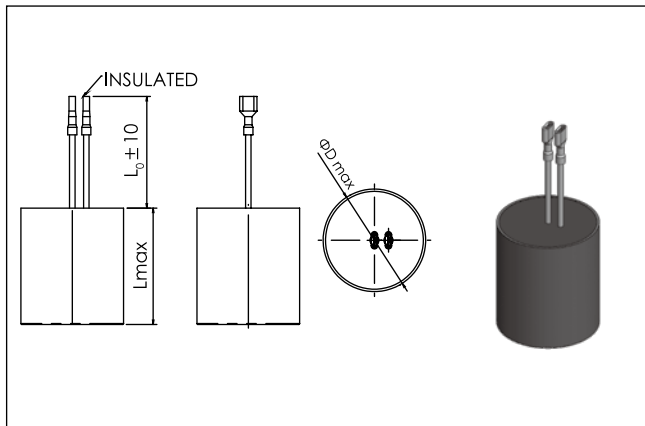
- 圆形塑壳, 体积小, 重量轻, 高储能密度
- 损耗小, 内部温升低
- 自愈性能优异, 可靠性高

应用线路

- 中小功率脉冲激光电源如: 医疗用脉冲激光电源、打标机、雕刻机、点焊机脉冲激光电源
- 多路激光电源、加压调Q模块、连续激光电源
- 电子警察闪光灯具专用电容

外形图 Dimensions

Unit: mm



标识 Marking

	—	1
CBB 122	—	2
50µF K 1000 V	—	3
25 J	—	4
J35F15	—	5

NO.	项目 Item
1	商标 Brand
2	产品系列 Products series
3	容量、偏差以及额定电压 Capacitance、Tolerance and Rated voltage
4	储存能量 Storage of energy
5	年度标记 Year code

性能特性 Specifications

项目 Item	特性 Characteristics
引用标准 Reference Standard	JB/T 8168
气候类别 Climatic Category	40/70/21
工作环境温度范围 Operating environment Temperature Range	-40~+55°C ($\theta_{hotspot} \leq 70^\circ\text{C}$)
存储温度范围 Storage Temperature Range	-40~+55°C
额定电压 U_R Rated Voltage	800~5000V _{DC}
电容范围 Capacitance Range	50~3000µF
电容偏差 Capacitance Tolerance	±5%(J), ±10%(K)
端子与端子电压 U_{TT} Voltage Between Terminals	1.2~1.5 × U_R V _{DC} , 10s (20°C)
端子与外壳电压 U_{TC} Voltage Between Terminals and Case	>3000 V _{AC} , 10s (20°C, 50Hz)
介质损耗角正切 Dielectric Dissipation Factor	0.0002
绝缘电阻 Insulation Resistance	IR • C ≥ 5000s (20°C, 100V _{DC} , 1min)
预期寿命 Life Expectancy	>10000次 (U_R)
失效率 Failure Rate	50 FIT

规格标准 Standard Ratings

U_R	C_R	P/N	IP	ESR	E
(V)	(μ F)	-	(A)	(m Ω)	(J)
800	100	FCC2KDQ107*****	177	15	32
	200	FCC2KDQ207*****	355	10	64
	300	FCC2KDQ307*****	450	13	96
	500	FCC2KDQ507*****	600	9	160
	800	FCC2KDQ807*****	980	6	256
	1000	FCC2KDQ108*****	1200	5	320
	2000	FCC2KDQ208*****	2100	3.5	640
1000	3000	FCC2KDQ308*****	2250	2.5	960
	50	FCC3ADQ506*****	100	20	25
	100	FCC3ADQ107*****	198	11	50
	200	FCC3ADQ207*****	253	10	100
	500	FCC3ADQ507*****	415	10	250
	1000	FCC3ADQ108*****	750	8	500
	1500	FCC3ADQ158*****	1126	5	750
2000	50	FCC3DDQ506*****	150	15	100
	100	FCC3DDQ107*****	236	15	200
	200	FCC3DDQ207*****	272	9	400
	300	FCC3DDQ307*****	410	10	600
3000	50	FCC3FDQ506*****	600	15	225
	65	FCC3FDQ656*****	720	13	292.5
	100	FCC3FDQ107*****	1050	9	450
	120	FCC3FDQ127*****	1259	8	540
	150	FCC3FDQ137*****	1415	8	675
	200	FCC3FDQ207*****	1800	6	900
4000	50	FCC3GDQ506*****	760	15	400
	75	FCC3GDQ756*****	1050	12	600
	100	FCC3GDQ107*****	1350	8	800
	150	FCC3GDQ157*****	2000	6	1200
	200	FCC3GDQ207*****	2600	5	1600
5000	50	FCC3HDQ506*****	880	12	625
	80	FCC3HDQ806*****	1250	9	1000
	100	FCC3HDQ107*****	1600	7	1250
	150	FCC3HDQ157*****	2300	5	1875

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