

Features

- Metallized polypropylene structure
- Self-healing property
- Low losses.
- Small inherent temperature rise
- High contact reliability
- Flame retardant epoxy resin powder coating (UL 94 V-0)

特点

- 高电流
- 自愈性好
- 低功耗
- 内部温升小
- 高可靠性
- 阻燃性环氧粉末包封

Applications

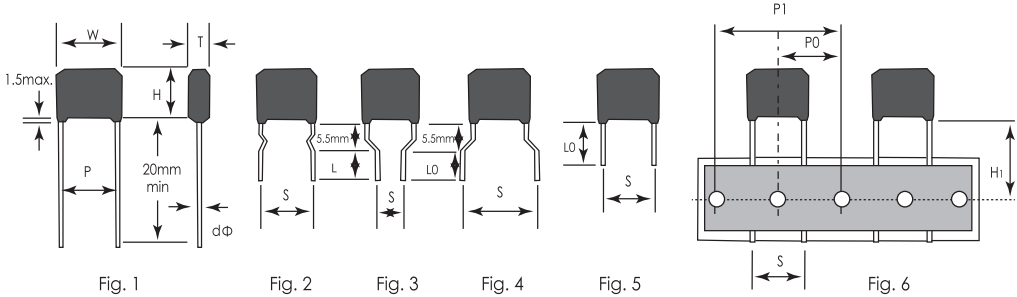
- As intermediate circuit capacitors for SMPS.
- Electronic Ballast , inverter (DC-link, DC-filter and PFC)

应用场合

- 用于开关电源，电子整流器和变频器等中间电路
- 直流滤波(DC-link, DC-filter 和PFC)

外形图 Dimensions

Unit: mm



标识 Marking

	——	1
CBB22	——	2
0.022μF J 500V	——	3
F11	——	4

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	日期代码 Date code

性能特性 Specifications

项目 Item	特性 Characteristics
引用标准 Reference Standard	IEC60384-17
气候类别 Climatic Category	40/105/56
工作温度范围 Operating Temperature Range	-40~+105℃
存储温度范围 Storage Temperature Range	-40~+105℃
额定电压 U_R Rated Voltage	100~630V _{DC}
电容量范围 Capacitance Range	0.01~3.3μF
电容量偏差 Capacitance Tolerance	±5%(J), ±10%(K)
端子与端子电压 U_{TT} Voltage Between Terminals	1.5×U _{NDC} , 10s (20℃)
端子与外壳电压 U_{TC} Voltage Between Terminals and Case	2000 V _{AC} , 10s (20℃, 50Hz)
损耗角正切 Dissipation Factor	0.001 (20℃ 1KHz)
介质损耗角正切 Dielectric Dissipation Factor	0.0002
绝缘电阻 Insulation Resistance	≥30000MΩ(C≤0.33) at 100V _{DC} 1min, 20℃ ≥10000MΩ(C>0.33) at 100V _{DC} 1min, 20℃
预期寿命 Life Expectancy	100000 hours (U _R , Θ _{hotspot} =70℃)
失效率 Failure Rate	100 FIT

规格标准 Standard Ratings

U_R	C_{AP}	P/N	W	H	T	P1	I	dv/dt	D
(V _{DC})	(μ F)	-	(mm)	(mm)	(mm)	(mm)	(A)	(V/us)	(mm)
100	0.047	FCS2AIJ473**001000A*	13.0	10.5	6.0	10	8.5	180	0.6
100	0.056	FCS2AIJ563**001000A*	13.0	10.5	6.0	10	10.1	180	0.6
100	0.068	FCS2AIJ683**001000A*	13.0	10.5	6.0	10	12.2	180	0.6
100	0.082	FCS2AIJ823**001000A*	13.0	10.5	6.0	10	14.8	180	0.6
100	0.10	FCS2AIJ104**001000A*	13.0	10.5	6.0	10	18.0	180	0.6
100	0.12	FCS2AIJ124**001000A*	13.0	10.5	6.0	10	21.6	180	0.6
100	0.15	FCS2AIJ154**001000A*	13.0	11.0	6.5	10	27.0	180	0.6
100	0.18	FCS2AIJ184**001000A*	13.0	12.0	6.5	10	32.4	180	0.6
100	0.22	FCS2AIJ224**001000A*	13.0	12.5	7.0	10	39.6	180	0.6
100	0.27	FCS2AIJ274**001000A*	13.0	13.0	7.5	10	48.6	180	0.6
100	0.33	FCS2AIJ334**001500A*	18.5	12.5	6.5	15	33.0	100	0.6
100	0.39	FCS2AIJ394**001500A*	18.5	13.0	7.0	15	39.0	100	0.6
100	0.47	FCS2AIJ474**001500A*	18.5	13.5	7.5	15	47.0	100	0.6
100	0.56	FCS2AIJ564**001500B*	18.5	14.0	8.0	15	56.0	100	0.8
100	0.68	FCS2AIJ684**001500B*	18.5	14.5	9.0	15	68.0	100	0.8
100	0.82	FCS2AIJ824**001500B*	18.5	15.0	9.5	15	82.0	100	0.8
100	1.00	FCS2AIJ105**001500B*	18.5	16.0	10.5	15	100.0	100	0.8
100	1.20	FCS2AIJ125**002000B*	24.0	16.0	9.0	20	72.0	60	0.8
100	1.50	FCS2AIJ155**002000B*	24.0	17.0	10.5	20	90.0	60	0.8
100	1.80	FCS2AIJ185**002000B*	24.0	18.0	11.0	20	108.0	60	0.8
100	2.00	FCS2AIJ205**002000B*	24.0	19.5	11.5	20	120.0	60	0.8
100	2.20	FCS2AIJ225**002000B*	24.0	21.0	12.0	20	132.0	60	0.8
100	2.70	FCS2AIJ275**002500B*	29.0	20.0	11.0	25	135.0	50	0.8
100	3.00	FCS2AIJ305**002500B*	29.0	21.0	12.0	25	150.0	50	0.8
100	3.30	FCS2AIJ335**002500B*	29.0	21.5	13.0	25	165.0	50	0.8
250	0.047	FCS2EIJ473**001000A*	13.0	10.5	6.0	10	25.9	550	0.6
250	0.056	FCS2EIJ563**001000A*	13.0	10.5	6.0	10	30.8	550	0.6
250	0.068	FCS2EIJ683**001000A*	13.0	10.5	6.0	10	37.4	550	0.6
250	0.082	FCS2EIJ823**001000A*	13.0	10.5	6.0	10	45.1	550	0.6
250	0.10	FCS2EIJ104**001000A*	13.0	11.0	6.5	10	55.0	550	0.6
250	0.12	FCS2EIJ124**001000A*	13.0	11.5	7.0	10	66.0	550	0.6
250	0.15	FCS2EIJ154**001000A*	13.0	12.0	7.0	10	82.5	550	0.6
250	0.18	FCS2EIJ184**001000A*	13.0	13.0	8.5	10	99.0	550	0.6
250	0.22	FCS2EIJ224**001500A*	18.5	14.0	7.5	15	66.0	300	0.6
250	0.27	FCS2EIJ274**001500A*	18.5	13.0	7.5	15	81.0	300	0.6
250	0.33	FCS2EIJ334**001500A*	18.5	15.5	9.0	15	99.0	300	0.6
250	0.39	FCS2EIJ394**001500B*	18.5	18.5	11.0	15	117.0	300	0.8
250	0.47	FCS2EIJ474**002000B*	24.0	15.0	9.0	20	58.8	125	0.8
250	0.56	FCS2EIJ564**002000B*	24.0	16.0	10.0	20	70.0	125	0.8
250	0.68	FCS2EIJ684**002000B*	24.0	17.5	10.5	20	85.0	125	0.8
250	0.82	FCS2EIJ824**002000B*	24.0	18.5	11.0	20	102.5	125	0.8
250	1.00	FCS2EIJ105**002000B*	24.0	19.5	11.5	20	125.0	125	0.8
250	1.20	FCS2EIJ125**002000B*	24.0	21.5	12.5	20	150.0	125	0.8
250	1.50	FCS2EIJ155**002500B*	29.0	19.0	10.0	25	150.0	100	0.8
250	2.00	FCS2EIJ205**002500B*	29.0	22.0	12.0	25	200.0	100	0.8
250	2.20	FCS2EIJ225**002500B*	29.0	22.5	12.5	25	220.0	100	0.8
250	2.70	FCS2EIJ275**002500B*	29.0	24.0	14.0	25	270.0	100	0.8
250	3.00	FCS2EIJ305**002500B*	29.0	24.5	15.0	25	300.0	100	0.8
250	3.30	FCS2EIJ335**002500B*	29.0	25.5	15.5	25	330.0	100	0.8
400	0.010	FCS2GIJ103**001000A*	13.0	10.5	6.5	10	12.0	1200	0.6
400	0.012	FCS2GIJ123**001000A*	13.0	10.5	6.5	10	14.4	1200	0.6
400	0.015	FCS2GIJ153**001000A*	13.0	10.5	6.5	10	18.0	1200	0.6
400	0.018	FCS2GIJ183**001000A*	13.0	10.5	6.5	10	21.6	1200	0.6
400	0.022	FCS2GIJ223**001000A*	13.0	10.5	6.5	10	26.4	1200	0.6
400	0.027	FCS2GIJ273**001000A*	13.0	12.0	6.5	10	32.4	1200	0.6
400	0.033	FCS2GIJ333**001000A*	13.0	12.0	7.0	10	39.6	1200	0.6
400	0.039	FCS2GIJ393**001000A*	13.0	12.5	7.0	10	46.8	1200	0.6
400	0.047	FCS2GIJ473**001000A*	13.0	13.0	8.0	10	56.4	1200	0.6
400	0.056	FCS2GIJ563**001000A*	13.0	14.0	8.5	10	67.2	1200	0.6
400	0.068	FCS2GIJ683**001000A*	13.0	14.5	8.5	10	81.6	1200	0.6
400	0.082	FCS2GIJ823**001500A*	18.5	13.5	7.0	15	65.6	800	0.6
400	0.10	FCS2GIJ104**001500A*	18.5	14.5	7.5	15	80.0	800	0.6

规格标准 Standard Ratings

U_R	C_{AP}	P/N	W	H	T	P1	$\dot{I}$	dv/dt	D
(V _{DC})	(μ F)	-	(mm)	(mm)	(mm)	(mm)	(A)	(V/ μ s)	(mm)
400	0.12	FCS2GIJ124**001500B*	18.5	15.0	8.0	15	96.0	800	0.8
400	0.15	FCS2GIJ154**001500B*	18.5	15.5	9.0	15	120.0	800	0.8
400	0.18	FCS2GIJ184**001500B*	18.5	17.5	9.5	15	144.0	800	0.8
400	0.22	FCS2GIJ224**002000B*	24.0	16.0	8.5	20	66.0	300	0.8
400	0.27	FCS2GIJ274**002000B*	24.0	16.5	9.5	20	81.0	300	0.8
400	0.33	FCS2GIJ334**002000B*	24.0	17.5	10.0	20	99.0	300	0.8
400	0.39	FCS2GIJ394**002000B*	24.0	19.5	11.0	20	117.0	300	0.8
400	0.47	FCS2GIJ474**002000B*	24.0	20.5	12.5	20	141.0	300	0.8
400	0.56	FCS2GIJ564**002500B*	29.0	19.5	11.0	25	72.8	130	0.8
400	0.68	FCS2GIJ684**002500B*	29.0	19.5	12.0	25	88.4	130	0.8
400	0.82	FCS2GIJ824**002500B*	29.0	20.5	13.5	25	106.6	130	0.8
400	1.00	FCS2GIJ105**002500B*	29.0	23.0	14.5	25	130.0	130	0.8
630	0.010	FCSJ2IJ103**001000A*	13.0	11.5	6.5	10	15.0	1500	0.6
630	0.012	FCSJ2IJ123**001000A*	13.0	11.5	6.5	10	18.0	1500	0.6
630	0.015	FCSJ2IJ153**001000A*	13.0	12.0	7.0	10	22.5	1500	0.6
630	0.018	FCSJ2IJ183**001000A*	13.0	13.0	7.0	10	27.0	1500	0.6
630	0.022	FCSJ2IJ223**001000A*	13.0	13.5	7.0	10	33.0	1500	0.6
630	0.027	FCSJ2IJ273**001000A*	13.0	13.5	7.0	10	40.5	1500	0.6
630	0.033	FCSJ2IJ333**001000A*	13.0	14.0	7.0	10	49.5	1500	0.6
630	0.039	FCSJ2IJ393**001000A*	13.0	14.5	7.5	10	58.5	1500	0.6
630	0.047	FCSJ2IJ473**001000A*	13.0	15.0	8.0	10	70.5	1500	0.6
630	0.056	FCSJ2IJ563**001500B*	18.5	14.0	8.5	15	56.0	1000	0.8
630	0.068	FCSJ2IJ683**001500B*	18.5	14.5	8.5	15	68.0	1000	0.8
630	0.082	FCSJ2IJ823**001500B*	18.5	15.5	9.5	15	82.0	1000	0.8
630	0.10	FCSJ2IJ104**001500B*	18.5	16.5	10.0	15	100.0	1000	0.8
630	0.12	FCSJ2IJ124**002000B*	24.0	16.0	9.5	20	48.0	400	0.8
630	0.15	FCSJ2IJ154**002000B*	24.0	16.5	10.0	20	60.0	400	0.8
630	0.18	FCSJ2IJ184**002000B*	24.0	17.5	11.0	20	72.0	400	0.8
630	0.22	FCSJ2IJ224**002500B*	29.0	19.0	10.0	25	39.6	180	0.8
630	0.27	FCSJ2IJ274**002500B*	29.0	20.5	11.5	25	48.6	180	0.8
630	0.33	FCSJ2IJ334**002500B*	29.0	22.0	12.0	25	59.4	180	0.8
630	0.39	FCSJ2IJ394**002500B*	29.0	19.5	11.0	25	70.2	180	0.8
630	0.47	FCSJ2IJ474**002500B*	29.0	20.5	12.5	25	84.6	180	0.8

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