

Features

- PP film design, good temperature characteristics
- Stable capacity
- Low ESR, high ripple current handling capabilities
- Self-healing property
- Plastic case, filled with fire-retardant resin

Applications

- Used in Inverters of wind power and solar power
- Frequency converters
- Industrial and high-end power supplies

特点

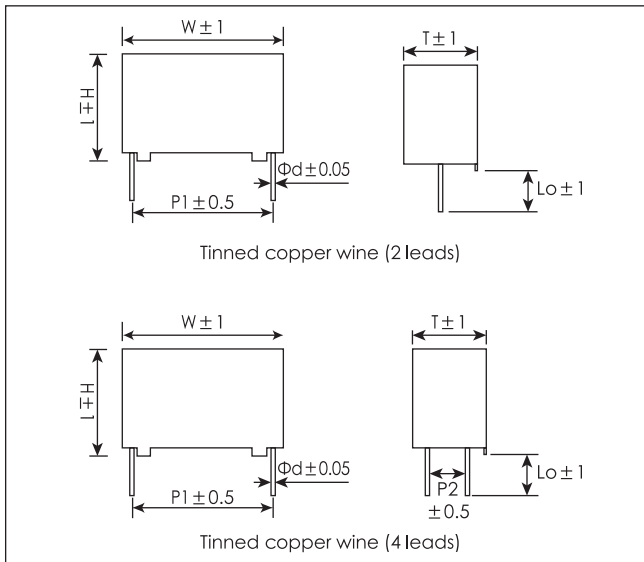
- 采用聚丙烯薄膜, 温度特性好
- 容值稳定, 变化率小
- 等效串联电阻小, 能承受较大的纹波电流
- 有自愈性
- 塑壳, 阻燃树脂灌封

应用场合

- 风能发电, 太阳能发电
- 变频器
- 工业和高端电源

外形图 Dimensions

Unit: mm



标识 Marking

	—	1
CBB138	—	2
50μF J 800V	—	3
J02F12	—	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	GB/T 17702 (IEC 61071)
气候类别 Climatic Category	40/105/56
工作温度范围 Operating Temperature Range	-40~+105 °C [$\theta_{\text{hotspot}} \leq 105$ °C] $\theta_{\text{hotspot}} = 85$ °C~105 °C: decreasing factor 1.35% per °C for U_R (dc)
存储温度范围 Storage Temperature Range	-40~+105 °C
额定电压 U_R Rated Voltage	450~1200 V _{DC}
电容量范围 Capacitance Range	1~120μF
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 °C)
端子与铝壳电压 U_{TC} Voltage Between Terminals and Case	3000 V _{AC} , 10 s (20 °C, 50 Hz)
介质损耗角正切 Dielectric Dissipation Factor	0.0002
绝缘电阻 Insulation Resistance	≥ 5000 MΩ · μF (20 °C, 100 V _{DC} , 1 min)
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)
预期寿命 Life Expectancy	100000 hours (U_R , $\theta_{\text{hotspot}} = 70$ °C)
失效率 Failure Rate	50 FIT

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规格标准 Standard Ratings

U _R	C _R	P/N	dv/dt	İ	R _s	I _{max}	R _{th}	W	H	T	P ₁	P ₂	d
(V)	(μF)	-	(V/μs)	(A)	10KHz (mΩ)	10KHz 70°C(A)	(K/W)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
450	1.0	FCS2WDS105*BI12700B	50	50	54.0	2.5	29.6	32.0	18.0	9.0	27.5	\	0.8
	2.0	FCS2WDS205*BI12700B	50	100	34.0	3.0	32.7	32.0	18.0	9.0	27.5	\	0.8
	3.0	FCS2WDS305*BI42700B	50	150	23.0	4.0	27.2	32.0	20.0	11.0	27.5	\	0.8
	4.0	FCS2WDS405*BI42700B	50	200	20.5	4.0	30.5	32.0	20.0	11.0	27.5	\	0.8
	5.0	FCS2WDS505*BI42700B	50	250	15.0	5.0	26.7	32.0	20.0	11.0	27.5	\	0.8
	5.0	FCS2WDS505*BI72700B	50	250	14.0	5.5	23.6	32.0	22.0	13.0	27.5	\	0.8
	10.0	FCS2WDS106*BI2700B	50	500	8.5	7.5	20.9	32.0	28.0	14.0	27.5	\	0.8
	10.0	FCS2WDS106*BI2700B	50	500	8.0	9.0	15.4	32.0	28.0	18.0	27.5	\	0.8
	12.0	FCS2WDS126*BI2700B	50	600	7.0	10.0	14.3	32.0	33.0	18.0	27.5	\	0.8
	15.0	FCS2WDS156*BI2700B	50	750	6.0	11.5	12.6	32.0	37.0	22.0	27.5	\	0.8
	15.0	FCS2WDS156*BI3700C	30	450	8.5	9.5	13.0	42.5	18.0	24.0	37.5	\	1.0
	18.0	FCS2WDS186*BI2700B	50	900	6.0	11.0	13.8	32.0	37.0	22.0	27.5	\	0.8
	20.0	FCS2WDS206*BI2700B	50	1000	5.0	12.5	12.8	32.0	37.0	22.0	27.5	\	0.8
	22.0	FCS2WDS226*BI2700B	50	1100	5.0	12.5	12.8	32.0	37.0	22.0	27.5	\	0.8
	25.0	FCS2WDS256*AFQ3710C	30	750	5.5	12.5	11.6	42.5	37.0	22.0	37.5	10.2	1.0
	30.0	FCS2WDS306*AF23710C	30	900	6.0	12.0	11.6	42.5	40.0	20.0	37.5	10.2	1.0
	40.0	FCS2WDS406*AF13710C	30	1200	5.5	14.0	9.3	42.5	37.0	28.0	37.5	10.2	1.0
	40.0	FCS2WDS406*AF93710C	30	1200	5.2	15.0	8.5	42.5	44.0	24.0	37.5	10.2	1.0
	50.0	FCS2WDS506*AF3720D	30	1500	4.0	15.0	11.1	42.5	45.0	30.0	37.5	20.3	1.2
	55.0	FCS2WDS556*AHH5220D	30	1650	5.0	15.5	8.3	57.5	45.0	30.0	37.5	20.3	1.2
	60.0	FCS2WDS606*AHH5220D	30	1800	4.5	16.5	8.2	57.5	45.0	30.0	37.5	20.3	1.2
	60.0	FCS2WDS606*AH13720D	30	1800	4.0	16.5	9.2	42.5	45.0	30.0	37.5	20.3	1.2
	80.0	FCS2WDS806*AHH5220D	15	1200	4.0	16.0	9.8	57.5	45.0	30.0	52.5	20.3	1.2
	100.0	FCS2WDS107*AHL5220D	15	1500	3.8	18.0	8.1	57.5	50.0	35.0	52.5	20.3	1.2
	130.0	FCS2WDS137*AH65220D	15	1950	3.5	22.0	5.9	57.5	60.0	35.0	52.5	20.3	1.2
	140.0	FCS2WDS147*AKA5220D	15	2100	3.4	24.0	5.1	57.5	65.0	35.0	52.5	20.3	1.2
	150.0	FCS2WDS157*AH85220D	15	2250	3.2	26.0	4.6	57.5	70.0	35.0	52.5	20.3	1.2
	160.0	FCS2WDS167*AK45220D	15	2400	3.1	28.0	4.1	57.5	80.0	35.0	52.5	20.3	1.2
	170.0	FCS2WDS177*AK45220D	15	2550	3.0	30.0	3.7	57.5	80.0	35.0	52.5	20.3	1.2
	550	3.0	FCS2YDS305*BI42700B	50	150	28.0	4.0	22.3	32.0	20.0	11.0	27.5	\
5.0		FCS2YDS505*BI72700B	50	250	14.0	6.0	19.8	32.0	22.0	13.0	27.5	\	0.8
8.0		FCS2YDS805*BI2700B	50	400	12.5	8.5	11.1	32.0	28.0	14.0	27.5	\	0.8
10.0		FCS2YDS106*BI2700B	50	500	8.0	10.0	12.5	32.0	33.0	18.0	27.5	\	0.8
15.0		FCS2YDS156*BI2700B	50	750	6.5	12.0	10.7	32.0	37.0	22.0	27.5	\	0.8
15.0		FCS2YDS156*BI2710B	50	750	5.5	13.0	10.8	32.0	37.0	22.0	27.5	10.2	0.8
20.0		FCS2YDS206*AF23710C	30	600	6.5	12.5	9.8	42.5	40.0	20.0	37.5	10.2	1.0
22.0		FCS2YDS226*AF23710C	30	660	6.5	13.5	8.4	42.5	40.0	20.0	37.5	10.2	1.0
25.0		FCS2YDS256*AF23710C	30	750	6.5	14.5	7.3	42.5	40.0	20.0	37.5	10.2	1.0
30.0		FCS2YDS306*AF93710C	30	900	6.0	16.0	6.5	42.5	44.0	24.0	37.5	10.2	1.0
35.0		FCS2YDS356*AF3720D	30	1050	6.0	18.0	5.1	42.5	45.0	30.0	37.5	20.3	1.2
40.0		FCS2YDS406*AF3720D	30	1200	5.5	18.0	5.6	42.5	45.0	30.0	37.5	20.3	1.2
50.0		FCS2YDS506*AF3720D	30	1500	5.0	20.0	5.0	42.5	50.0	35.0	37.5	20.3	1.2
60.0		FCS2YDS606*AHH5220D	15	900	4.8	18.0	6.4	57.5	45.0	30.0	37.5	20.3	1.2
75.0		FCS2YDS756*AHL5220D	15	1125	5.0	20.0	5.0	57.5	50.0	35.0	52.5	20.3	1.2
100.0		FCS2YDS107*AHH5220D	15	1500	4.5	24.0	3.9	57.5	55.0	45.0	52.5	20.3	1.2
110.0		FCS2YDS117*AHA5220D	15	1650	4.0	26.0	3.7	57.5	53.0	50.0	52.5	20.3	1.2
130.0		FCS2YDS137*AH65220D	15	1950	3.4	23.0	5.6	57.5	60.0	35.0	52.5	20.3	1.2
140.0		FCS2YDS147*AKA5220D	15	2100	3.3	25.0	4.8	57.5	65.0	35.0	52.5	20.3	1.2
150.0		FCS2YDS157*AH85220D	15	2250	3.1	27.0	4.4	57.5	70.0	35.0	52.5	20.3	1.2
160.0	FCS2YDS167*AK45220D	15	2400	3.0	29.0	4.0	57.5	80.0	35.0	52.5	20.3	1.2	
170.0	FCS2YDS177*AK45220D	15	2550	2.8	32.0	3.5	57.5	80.0	35.0	52.5	20.3	1.2	
600	3.0	FCS2SDS305*BI42700B	50	150	28.0	4.0	22.3	32.0	20.0	11.0	27.5	\	0.8
	4.0	FCS2SDS405*BI42700B	50	200	26.0	5.0	15.4	32.0	20.0	11.0	27.5	\	0.8
	5.0	FCS2SDS505*BI2700B	50	250	14.5	6.0	19.2	32.0	28.0	14.0	27.5	\	0.8
	8.0	FCS2SDS805*BI2700B	50	400	12.0	7.5	14.8	32.0	28.0	14.0	27.5	\	0.8
	10.0	FCS2SDS106*BI2700B	50	500	7.5	8.5	18.5	32.0	33.0	18.0	27.5	\	0.8
	12.0	FCS2SDS126*BI2700B	50	600	7.5	9.5	14.8	32.0	33.0	18.0	27.5	\	0.8
	12.0	FCS2SDS126*BI3700C	30	360	9.5	8.0	16.4	42.5	18.0	24.0	37.5	\	1.0
	15.0	FCS2SDS156*BI2700B	50	750	7.5	10.5	12.1	32.0	37.0	22.0	27.5	\	0.8
	15.0	FCS2SDS156*BI3700C	50	750	6.0	12.0	11.6	42.5	18.0	24.0	37.5	\	1.0
	20.0	FCS2SDS206*AF23710C	30	600	6.0	11.0	13.8	42.5	40.0	20.0	37.5	10.2	1.0
	30.0	FCS2SDS306*AF13710C	30	900	5.5	13.0	10.8	42.5	37.0	28.0	37.5	10.2	1.0
	35.0	FCS2SDS356*AF93710C	30	1050	5.0	16.5	7.3	42.5	44.0	24.0	37.5	10.2	1.0
	40.0	FCS2SDS406*AF3720D	30	1200	4.0	18.0	7.7	42.5	45.0	30.0	37.5	20.3	1.2
	50.0	FCS2SDS506*AHL5220D	15	750	6.5	14.0	7.8	57.5	50.0	35.0	52.5	20.3	1.2
	60.0	FCS2SDS606*AHL5220D	15	900	5.0	16.0	7.8	57.5	50.0	35.0	52.5	20.3	1.2
	70.0	FCS2SDS706*AHL5220D	15	1050	5.0	18.0	6.2	57.5	50.0	35.0	52.5	20.3	1.2
	80.0	FCS2SDS806*AHH5220D	15	1200	4.0	20.0	6.3	57.5	55.0	45.0	52.5	20.3	1.2
	90.0	FCS2SDS906*AHH5220D	15	1350	4.0	24.0	4.3	57.5	55.0	45.0	52.5	20.3	1.2
	100.0	FCS2SDS107*AHA5220D	15	1500	4.0	26.0	3.7	57.5	53.0	50.0	52.5	20.3	1.2
	110.0	FCS2SDS117*AHA5220D	15	1650	3.5	28.0	3.6	57.5	53.0	50.0	52.5	20.3	1.2
	120.0	FCS2SDS127*AH65220D	15	1800	3.4	30.0	3.3	57.5	60.0	35.0	52.5	20.3	1.2
	130.0	FCS2SDS137*AKA5220D	15	1950	3.3	32.0	3.0	57.5	65.0	35.0	52.5	20.3	1.2
	140.0	FCS2SDS147*AH85220D	15	2100	3.2	34.0	2.7	57.5	70.0	35.0	52.5	20.3	1.2
	140.0	FCS2SDS147*AH75220D	15	2100	3.2	34.0	2.7	57.5	65.0	45.0	52.5	20.3	1.2
	150.0	FCS2SDS157*AK45220D	15	2250	3.0	36.0	2.6	57.5	80.0	35.0	52.5	20.3	1.2
700	1.0	FCS2QDS105*BI12700B	75	75	54.0	2.5	29.6	32.0	18.0	9.0	27.5	\	0.8
	2.0	FCS2QDS205*BI12700B	75	150	35.0	3.0	31.7	32.0	18.0	9.0	27.5	\	0.8
	3.0	FCS2QDS305*BI42700B	50	150	28.0	4.5	17.6	32.0	20.0	11.0	27.5	\	0.8

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规格标准 Standard Ratings

U _R (V)	C _R (μF)	P/N	dv/dt (V/μs)	İ (A)	Rs 10KHz (mΩ)	I _{max} 10KHz 70°C(A)	R _{th} (K/W)	W (mm)	H (mm)	T (mm)	P ₁ (mm)	P ₂ (mm)	d (mm)
700	3.3	FCS2QDS335*BIC2700B	50	165	26.0	5.5	12.7	32.0	28.0	14.0	27.5	\	0.8
	5.0	FCS2QDS505*BIC2700B	50	250	14.0	6.0	19.8	32.0	28.0	14.0	27.5	\	0.8
	6.0	FCS2QDS605*BID2700B	75	450	14.0	6.0	19.8	32.0	28.0	18.0	27.5	\	0.8
	8.0	FCS2QDS805*BF2700B	50	400	10.0	9.0	12.3	32.0	33.0	18.0	27.5	\	0.8
	10.0	FCS2QDS106*BF2700B	50	500	7.0	10.0	14.3	32.0	33.0	18.0	27.5	\	0.8
	10.0	FCS2QDS106*BII2700B	50	500	6.5	12.0	10.7	32.0	37.0	22.0	27.5	\	0.8
	10.0	FCS2QDS106*BF13700C	30	300	7.5	11.5	10.1	42.5	18.0	24.0	37.5	\	1.0
	12.0	FCS2QDS126*BII2700B	50	600	6.0	12.5	10.7	32.0	37.0	22.0	27.5	\	0.8
	12.0	FCS2QDS126*BF13700C	30	360	7.0	12.0	9.9	42.5	18.0	24.0	37.5	\	1.0
	15.0	FCS2QDS156*BF13700C	30	450	9.0	9.0	13.7	42.5	33.5	22.0	37.5	\	1.0
	15.0	FCS2QDS156*AF13710C	30	450	8.0	10.0	12.5	42.5	33.5	22.0	37.5	10.2	1.0
	15.0	FCS2QDS156*AF23710C	30	450	8.0	10.0	12.5	42.5	40.0	20.0	37.5	10.2	1.0
	20.0	FCS2QDS206*AF13710C	30	600	7.5	12.0	9.3	42.5	37.0	28.0	37.5	10.2	1.0
	22.0	FCS2QDS226*AF93710C	30	660	6.5	14.0	7.8	42.5	44.0	24.0	37.5	10.2	1.0
	25.0	FCS2QDS256*AF93710C	30	750	6.0	16.0	6.5	42.5	44.0	24.0	37.5	10.2	1.0
	30.0	FCS2QDS306*AF93720D	30	900	5.8	16.0	6.7	42.5	45.0	30.0	37.5	20.3	1.2
	35.0	FCS2QDS356*AFK3720D	30	1050	5.5	20.0	4.5	42.5	50.0	35.0	37.5	20.3	1.2
	40.0	FCS2QDS406*AH5220D	15	600	5.0	14.0	10.2	57.5	45.0	30.0	52.5	20.3	1.2
	45.0	FCS2QDS456*AH5220D	15	675	5.0	15.5	8.3	57.5	45.0	30.0	52.5	20.3	1.2
	50.0	FCS2QDS506*AH5220D	15	750	4.8	15.0	9.3	57.5	50.0	35.0	52.5	20.3	1.2
	55.0	FCS2QDS556*AH5220D	15	825	4.5	16.0	8.7	57.5	50.0	35.0	52.5	20.3	1.2
	60.0	FCS2QDS606*AH5220D	15	900	4.0	18.0	7.7	57.5	50.0	35.0	52.5	20.3	1.2
	65.0	FCS2QDS656*AH5220D	15	975	4.0	20.0	6.3	57.5	55.0	45.0	52.5	20.3	1.2
	70.0	FCS2QDS706*AH5220D	15	1050	3.8	20.0	6.6	57.5	55.0	45.0	52.5	20.3	1.2
	75.0	FCS2QDS756*AH5220D	15	1125	3.8	20.0	6.6	57.5	55.0	45.0	52.5	20.3	1.2
	80.0	FCS2QDS806*AH5220D	15	1200	3.5	22.0	5.9	57.5	53.0	50.0	52.5	20.3	1.2
	80.0	FCS2QDS806*AH65220D	15	1200	3.4	23.0	5.6	57.5	60.0	35.0	52.5	20.3	1.2
	90.0	FCS2QDS906*AH5220D	15	1350	3.5	24.0	5.0	57.5	53.0	50.0	52.5	20.3	1.2
	90.0	FCS2QDS906*AH65220D	15	1350	3.5	24.0	5.0	57.5	60.0	35.0	52.5	20.3	1.2
	100.0	FCS2QDS107*AH5220D	15	1500	3.5	26.0	4.2	57.5	53.0	50.0	52.5	20.3	1.2
	100.0	FCS2QDS107*AKA5220D	15	1500	3.5	26.0	4.2	57.5	65.0	35.0	52.5	20.3	1.2
	110.0	FCS2QDS117*AH85220D	15	1650	3.4	28.0	3.8	57.5	70.0	35.0	52.5	20.3	1.2
	120.0	FCS2QDS127*AK45220D	15	1800	3.0	30.0	3.7	57.5	80.0	35.0	52.5	20.3	1.2
	130.0	FCS2QDS137*AH75220D	15	1950	2.8	32.0	3.5	57.5	65.0	45.0	52.5	20.3	1.2
800	1.0	FCS2KDS105*BII2700B	75	75	62.0	2.0	40.3	32.0	18.0	9.0	27.5	\	0.8
	2.0	FCS2KDS205*BI42700B	75	150	31.0	3.5	26.3	32.0	20.0	11.0	27.5	\	0.8
	3.0	FCS2KDS305*BI72700B	75	225	21.0	4.5	23.5	32.0	22.0	13.0	27.5	\	0.8
	3.3	FCS2KDS335*BIC2700B	50	165	25.0	4.0	25.0	32.0	28.0	14.0	27.5	\	0.8
	5.0	FCS2KDS505*BIC2700B	50	250	12.0	6.0	23.1	32.0	28.0	14.0	27.5	\	0.8
	6.0	FCS2KDS605*BID2700B	75	450	10.5	7.5	16.9	32.0	28.0	18.0	27.5	\	0.8
	8.0	FCS2KDS805*BF2700B	22	176	9.5	9.5	11.7	32.0	33.0	18.0	27.5	\	0.8
	9.0	FCS2KDS905*BF2700B	22	198	8.5	10.0	11.8	32.0	33.0	18.0	27.5	\	0.8
	10.0	FCS2KDS106*BII2700B	22	220	9.5	11.5	8.0	32.0	37.0	22.0	27.5	\	0.8
	10.0	FCS2KDS106*BF53700C	30	300	12.5	8.0	12.5	42.5	32.0	19.0	37.5	\	1.0
	15.0	FCS2KDS156*AF23710C	30	450	8.0	10.0	12.5	42.5	40.0	20.0	37.5	10.2	1.0
	20.0	FCS2KDS206*AF13710C	30	600	7.0	12.0	9.9	42.5	37.0	28.0	37.5	10.2	1.0
	20.0	FCS2KDS206*AF93710C	30	600	6.5	13.5	8.4	42.5	44.0	24.0	37.5	10.2	1.0
	22.0	FCS2KDS226*AF93710C	30	660	6.0	14.0	8.5	42.5	44.0	24.0	37.5	10.2	1.0
	25.0	FCS2KDS256*AF93720D	17	425	5.5	14.0	9.3	42.5	45.0	30.0	37.5	20.3	1.2
	30.0	FCS2KDS306*AF93720D	30	900	4.5	16.0	8.7	42.5	45.0	30.0	37.5	20.3	1.2
	35.0	FCS2KDS356*AH5220D	12	420	6.5	14.2	7.6	57.5	45.0	30.0	52.5	20.3	1.2
	40.0	FCS2KDS406*AH5220D	15	600	6.0	14.0	8.5	57.5	45.0	30.0	52.5	20.3	1.2
	45.0	FCS2KDS456*AH5220D	15	675	5.5	15.5	7.6	57.5	45.0	30.0	52.5	20.3	1.2
	47.0	FCS2KDS476*AH5220D	12	564	5.0	17.5	6.5	57.5	50.0	35.0	52.5	20.3	1.2
	50.0	FCS2KDS506*AH5220D	12	600	5.0	16.0	7.8	57.5	50.0	35.0	52.5	20.3	1.2
	55.0	FCS2KDS556*AH5220D	12	660	4.6	17.0	7.5	57.5	50.0	35.0	52.5	20.3	1.2
	65.0	FCS2KDS656*AKA5220D	12	780	4.0	19.0	6.9	57.5	60.0	35.0	52.5	20.3	1.2
	65.0	FCS2KDS656*AH5220D	15	975	4.0	20.0	6.3	57.5	55.0	45.0	52.5	20.3	1.2
	70.0	FCS2KDS706*AH5220D	15	1050	3.8	20.0	6.6	57.5	55.0	45.0	52.5	20.3	1.2
	70.0	FCS2KDS706*AKA5220D	15	1050	3.8	20.0	6.6	57.5	60.0	35.0	52.5	20.3	1.2
	75.0	FCS2KDS756*AH5220D	15	1125	3.8	22.0	5.4	57.5	55.0	45.0	52.5	20.3	1.2
	75.0	FCS2KDS756*AKA5220D	15	1125	3.8	22.0	5.4	57.5	65.0	35.0	52.5	20.3	1.2
	80.0	FCS2KDS806*AH5220D	15	1200	3.5	23.0	5.4	57.5	53.0	50.0	52.5	20.3	1.2
	80.0	FCS2KDS806*AH85220D	15	1200	3.5	23.0	5.4	57.5	70.0	35.0	52.5	20.3	1.2
	90.0	FCS2KDS906*AH5220D	15	1350	3.3	25.0	4.8	57.5	53.0	50.0	52.5	20.3	1.2
	90.0	FCS2KDS906*AK45220D	15	1350	3.3	25.0	4.8	57.5	80.0	35.0	52.5	20.3	1.2
	100.0	FCS2KDS107*AH75220D	15	1500	3.2	28.0	4.0	57.5	65.0	45.0	52.5	20.3	1.2
	900	1.0	FCSR2DS105*BII2700B	60	60	63.0	2.0	39.7	32.0	18.0	9.0	27.5	\
2.0		FCSR2DS205*BI42700B	60	120	25.0	3.0	44.4	32.0	20.0	11.0	27.5	\	0.8
3.0		FCSR2DS305*BI72700B	60	180	18.5	5.0	21.6	32.0	22.0	13.0	27.5	\	0.8
3.3		FCSR2DS335*BI2700B	60	198	18.5	5.0	21.6	32.0	24.5	15.0	27.5	\	0.8
5.0		FCSR2DS505*BID2700B	60	300	12.5	7.0	16.3	32.0	28.0	18.0	27.5	\	0.8
6.0		FCSR2DS605*BF2700B	60	360	11.0	8.0	14.2	32.0	33.0	18.0	27.5	\	0.8
8.0		FCSR2DS805*BI2700B	60	480	10.0	10.5	9.1	32.0	37.0	22.0	27.5	\	0.8
10.0		FCSR2DS106*BII2700B	60	600	10.0	12.0	6.9	32.0	37.0	22.0	27.5	\	0.8
10.0		FCSR2DS106*BF23700C	35	350	12.0	8.5	11.5	42.5	40.0	20.0	37.5	\	1.0
10.0		FCSR2DS106*AF23710C	35	350	11.5	9.5	9.6	42.5	40.0	20.0	37.5	10.2	1.0
15.0		FCSR2DS156*BF93700C	35	525	8.0	10.5	11.3	42.5	44.0	24.0	37.5	\	1.0
18.0		FCSR2DS186*BF93700C	35	630	8.0	10.5	11.3	42.5	44.0	24.0	37.5	\	1.0

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U _R	C _R	P/N	dv/dt	İ	R _s	I _{max}	R _{th}	W	H	T	P ₁	P ₂	d
(V)	(μF)	-	(V/μS)	(A)	10kHz (mΩ)	10kHz 70°C(A)	(K/W)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
900	18.0	FCSR2DS186*AF93710C	35	630	7.5	12.0	9.3	42.5	44.0	24.0	37.5	10.2	1.0
	20.0	FCSR2DS206*BFF3700C	35	700	6.0	14.0	8.5	42.5	45.0	30.0	37.5	\	1.0
	20.0	FCSR2DS206*AFF3720D	35	700	5.5	15.0	8.1	42.5	45.0	30.0	37.5	20.3	1.2
	25.0	FCSR2DS256*AF93720D	35	875	5.5	17.0	6.3	42.5	45.0	30.0	37.5	20.3	1.2
	30.0	FCSR2DS306*AFK3720D	35	1050	5.0	19.0	5.5	42.5	50.0	35.0	37.5	20.3	1.2
	30.0	FCSR2DS306*AHH5220D	15	450	5.5	15.0	8.1	57.5	45.0	30.0	52.5	20.3	1.2
	35.0	FCSR2DS356*AFH5220D	15	525	5.5	15.5	7.6	57.5	50.0	35.0	52.5	20.3	1.2
	40.0	FCSR2DS406*AHL5220D	15	600	6.5	16.0	6.0	57.5	50.0	35.0	52.5	20.3	1.2
	50.0	FCSR2DS506*AHL5220D	15	750	3.6	18.0	8.6	57.5	50.0	35.0	52.5	20.3	1.2
	55.0	FCSR2DS556*AH65220D	15	825	3.5	19.0	7.9	57.5	60.0	35.0	52.5	20.3	1.2
	55.0	FCSR2DS556*AH5220D	15	825	3.4	20.0	7.4	57.5	55.0	45.0	52.5	20.3	1.2
	60.0	FCSR2DS606*AH5220D	15	900	3.4	20.0	7.4	57.5	55.0	45.0	52.5	20.3	1.2
	60.0	FCSR2DS606*AKA5220D	15	900	3.4	20.0	7.4	57.5	65.0	35.0	52.5	20.3	1.2
	65.0	FCSR2DS656*AH85220D	15	975	3.3	22.0	6.3	57.5	70.0	35.0	52.5	20.3	1.2
	70.0	FCSR2DS706*AHA5220D	15	1050	3.2	24.0	5.4	57.5	53.0	50.0	52.5	20.3	1.2
	70.0	FCSR2DS706*AKA5220D	15	1050	3.2	24.0	5.4	57.5	80.0	35.0	52.5	20.3	1.2
	80.0	FCSR2DS806*AH75220D	15	1200	3.2	25.0	5.0	57.5	65.0	45.0	52.5	20.3	1.2
	1000	1.0	FCS3ADS105*BI42700B	70	70	45.0	2.5	35.6	32.0	20.0	11.0	27.5	\
2.0		FCS3ADS205*BI72700B	60	120	30.0	3.5	27.2	32.0	22.0	13.0	27.5	\	0.8
3.0		FCS3ADS305*BIJ2700B	60	180	25.0	5.0	16.0	32.0	24.5	15.0	27.5	\	0.8
5.0		FCS3ADS505*BF2700B	60	300	14.0	8.0	11.2	32.0	33.0	18.0	27.5	\	0.8
8.0		FCS3ADS805*BI12700B	60	480	12.0	10.0	8.3	32.0	37.0	22.0	27.5	\	0.8
10.0		FCS3ADS106*BF23700C	35	350	12.0	8.5	11.5	42.5	40.0	20.0	37.5	\	1.0
10.0		FCS3ADS106*AF23710C	35	350	11.5	9.5	9.6	42.5	40.0	20.0	37.5	10.2	1.0
12.0		FCS3ADS126*AF93710C	35	420	9.0	10.5	10.1	42.5	44.0	24.0	37.5	10.2	1.0
15.0		FCS3ADS156*BF93710C	35	525	8.0	10.5	11.3	42.5	44.0	24.0	37.5	\	1.0
15.0		FCS3ADS156*AF93710C	35	525	7.5	12.0	9.3	42.5	44.0	24.0	37.5	10.2	1.0
15.0		FCS3ADS156*AFF3720D	35	525	7.5	14.0	6.8	42.5	45.0	30.0	37.5	20.3	1.2
20.0		FCS3ADS206*AFF3720D	35	700	6.5	15.0	6.8	42.5	45.0	30.0	37.5	20.3	1.2
25.0		FCS3ADS256*AFK3720D	35	875	5.5	18.0	5.6	42.5	50.0	35.0	37.5	20.3	1.2
30.0		FCS3ADS306*AH85220D	15	450	5.5	15.0	8.1	57.5	45.0	30.0	52.5	20.3	1.2
35.0		FCS3ADS356*AH5220D	15	525	5.5	16.0	7.1	57.5	50.0	35.0	52.5	20.3	1.2
40.0		FCS3ADS406*AH5220D	15	600	5.0	16.0	7.8	57.5	50.0	35.0	52.5	20.3	1.2
40.0		FCS3ADS406*AH65220D	15	600	5.0	17.0	6.9	57.5	60.0	35.0	52.5	20.3	1.2
50.0		FCS3ADS506*AH5220D	15	750	4.5	19.0	6.2	57.5	55.0	45.0	52.5	20.3	1.2
50.0		FCS3ADS506*AKA5220D	15	750	4.5	19.0	6.2	57.5	65.0	35.0	52.5	20.3	1.2
55.0		FCS3ADS556*AH85220D	15	825	4.4	20.0	5.7	57.5	70.0	35.0	52.5	20.3	1.2
60.0		FCS3ADS606*AH5220D	15	900	4.0	22.0	5.2	57.5	53.0	50.0	52.5	20.3	1.2
60.0	FCS3ADS606*AKA5220D	15	900	4.0	22.0	5.2	57.5	80.0	35.0	52.5	20.3	1.2	
60.0	FCS3ADS606*AH75220D	15	900	4.0	22.0	5.2	57.5	65.0	45.0	52.5	20.3	1.2	
1100	1.0	FCSA3DS105*BI42700B	70	70	45.0	2.5	35.6	32.0	20.0	11.0	27.5	\	0.8
	1.5	FCSA3DS155*BI72700B	70	105	30.0	3.5	27.2	32.0	22.0	13.0	27.5	\	0.8
	2.0	FCSA3DS205*BIJ2700B	70	140	25.0	4.0	25.0	32.0	24.5	15.0	27.5	\	0.8
	2.2	FCSA3DS225*BIC2700B	70	154	16.5	5.0	24.2	32.0	28.0	14.0	27.5	\	0.8
	3.3	FCSA3DS335*BIC2700B	70	231	11.5	6.5	20.6	32.0	28.0	18.0	27.5	\	0.8
	4.0	FCSA3DS405*BI12700B	70	280	10.5	8.0	14.9	32.0	33.0	18.0	27.5	\	0.8
	5.0	FCSA3DS505*BI12700B	70	350	9.5	8.5	14.6	32.0	37.0	22.0	27.5	\	0.8
	6.8	FCSA3DS685*AF13710C	40	272	13.5	12.0	5.1	42.5	33.5	22.0	37.5	10.2	1.0
	8.0	FCSA3DS805*BF23700C	40	320	14.0	10.5	6.5	42.5	40.0	20.0	37.5	\	1.0
	8.0	FCSA3DS805*AF23710C	40	320	12.5	12.5	5.1	42.5	40.0	20.0	37.5	10.2	1.0
	8.0	FCSA3DS805*AFQ3710C	40	320	12.5	12.5	5.1	42.5	37.0	22.0	37.5	10.2	1.0
	9.0	FCSA3DS905*AFQ3710C	40	360	12.2	12.8	5.0	42.5	37.0	22.0	37.5	10.2	1.0
	10.0	FCSA3DS106*BF93700C	40	400	9.0	14.0	5.7	42.5	44.0	24.0	37.5	\	1.0
	10.0	FCSA3DS106*AF93710C	40	400	8.5	15.0	5.2	42.5	44.0	24.0	37.5	10.2	1.0
	12.0	FCSA3DS126*AFF3720D	40	480	7.5	15.5	5.5	42.5	45.0	30.0	37.5	20.3	1.2
	15.0	FCSA3DS156*AFF3720D	40	600	7.0	16.0	5.6	42.5	45.0	30.0	37.5	20.3	1.2
	18.0	FCSA3DS186*AFK3720D	40	720	7.5	15.5	5.5	42.5	50.0	35.0	37.5	20.3	1.2
	20.0	FCSA3DS206*AFK3720D	20	400	7.2	16.5	5.1	42.5	50.0	35.0	37.5	20.3	1.2
	20.0	FCSA3DS206*AHH5220D	20	400	8.5	12.0	8.2	57.5	45.0	30.0	52.5	20.3	1.2
	25.0	FCSA3DS256*AH5220D	20	500	8.2	13.0	7.2	57.5	50.0	35.0	52.5	20.3	1.2
	30.0	FCSA3DS306*AH5220D	20	600	5.0	15.0	8.9	57.5	50.0	35.0	52.5	20.3	1.2
35.0	FCSA3DS356*AH65220D	20	700	4.9	16.0	8.0	57.5	60.0	35.0	52.5	20.3	1.2	
40.0	FCSA3DS406*AKA5220D	20	800	5.5	17.0	6.3	57.5	65.0	35.0	52.5	20.3	1.2	
40.0	FCSA3DS406*AH5220D	20	800	5.5	17.0	6.3	57.5	55.0	45.0	52.5	20.3	1.2	
45.0	FCSA3DS456*AH85220D	20	900	5.4	18.0	5.7	57.5	70.0	35.0	52.5	20.3	1.2	
50.0	FCSA3DS506*AH75220D	20	1000	5.2	19.5	5.1	57.5	65.0	45.0	52.5	20.3	1.2	
50.0	FCSA3DS506*AHA5220D	20	1000	4.5	20.0	5.6	57.5	53.0	50.0	52.5	20.3	1.2	
1200	1.0	FCS3BDS105*BI42700B	80	80	32.5	4.5	15.2	32.0	20.0	11.0	27.5	\	0.8
	2.0	FCS3BDS205*BIJ2700B	80	160	32.5	5.0	12.3	32.0	24.5	15.0	27.5	\	0.8
	2.2	FCS3BDS225*BID2700B	80	176	17.0	5.5	19.4	32.0	28.0	18.0	27.5	\	0.8
	3.0	FCS3BDS305*BID2700B	80	240	16.0	7.0	12.8	32.0	28.0	18.0	27.5	\	0.8
	3.3	FCS3BDS335*BI12700B	80	264	13.5	8.0	11.6	32.0	33.0	18.0	27.5	\	0.8
	5.0	FCS3BDS505*BI12700B	80	400	12.0	10.0	8.3	32.0	37.0	22.0	27.5	\	0.8
	5.0	FCS3BDS505*BFT3700C	45	225	15.5	7.5	11.5	42.5	33.5	22.0	37.5	\	1.0
	6.0	FCS3BDS605*BF23700C	45	270	15.5	7.5	11.5	42.5	40.0	20.0	37.5	\	1.0
	7.0	FCS3BDS705*AFQ3710C	45	315	15.2	8.0	10.3	42.5	37.0	22.0	37.5	10.2	1.0
	8.0	FCS3BDS805*AF93710C	45	360	12.5	9.0	9.9	42.5	44.0	24.0	37.5	10.2	1.0
	10.0	FCS3BDS106*AF93710C	45	450	10.5	10.0	9.5	42.5	44.0	24.0	37.5	10.2	1.0
10.0	FCS3BDS106*AFF3720D	45	450	8.0	12.0	8.7	42.5	45.0	30.0	37.5	20.3	1.2	

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U_R	C_R	P/N	dv/dt	\hat{I}	R_s	I_{max}	R_{th}	W	H	T	P_1	P_2	d
(V)	(μF)	-	(V/ μs)	(A)	10KHz (m Ω)	10KHz 70°C(A)	(K/W)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
1200	15.0	FCS3BDS156*AFK3720D	45	675	6.5	15.0	6.8	42.5	50.0	35.0	37.5	20.3	1.2
	20.0	FCS3BDS206*AHH5220D	25	500	8.5	13.0	7.0	57.5	45.0	30.0	52.5	20.3	1.2
	25.0	FCS3BDS256* AHL5220D	25	625	6.5	15.0	6.8	57.5	50.0	35.0	52.5	20.3	1.2
	30.0	FCS3BDS306* AHS5220D	25	750	5.5	17.0	6.3	57.5	55.0	45.0	52.5	20.3	1.2
	35.0	FCS3BDS356* AH65220D	25	750	5.5	17.0	6.3	57.5	60.0	35.0	52.5	20.3	1.2
	35.0	FCS3BDS356* AHS5220D	25	875	5.0	18.0	6.2	57.5	55.0	45.0	52.5	20.3	1.2
	35.0	FCS3BDS356* AH85220D	25	875	5.0	18.0	6.2	57.5	70.0	35.0	52.5	20.3	1.2
	40.0	FCS3BDS406* AHA5220D	25	1000	4.5	20.0	5.6	57.5	53.0	50.0	52.5	20.3	1.2
	45.0	FCS3BDS456* AHR5220D	25	1125	4.3	22.0	4.8	57.5	65.0	45.0	52.5	20.3	1.2

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

预期寿命曲线 Expected lifetime curve

