

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
F	C	S	2	W	I	H	4	7	4	K	C	E	7	1	5	0	0	B
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		引线类型 Pin Style	外壳尺寸代码* Dimension Code	引线间距 Pitch P1	引线间距 Pitch P2	引线直径 Lead diameter					
FC=薄膜电容器 FC=Film Capacitor	方型=S Square=S	450=2W 550=2Y 630=J2	CBB23=IH			0.47=474	±5%=J ±10%=K		4Pin, 5mm=A 2Pin, 5mm=B 2Pin, 长引线=C 4pin, 4mm=S 2pin, 8.2mm=E 2pin, 9.2mm=D 2pin, 3.2mm=V 2pin, 3.5mm=U 2pin, 4.5mm=T	18*13.5*7.5=E7	10=10 15=15	0=00	0.6=A 0.8=B 1.0=C 1.2=D 0.5=E					

Features

- High ripple current
- Self-healing property
- Low losses.
- Small inherent temperature rise
- High contact reliability
- Suitable for high frequency applications

Applications

- power supplies
- power factor correction
- ballasts and compact lamps
- inverter

特点

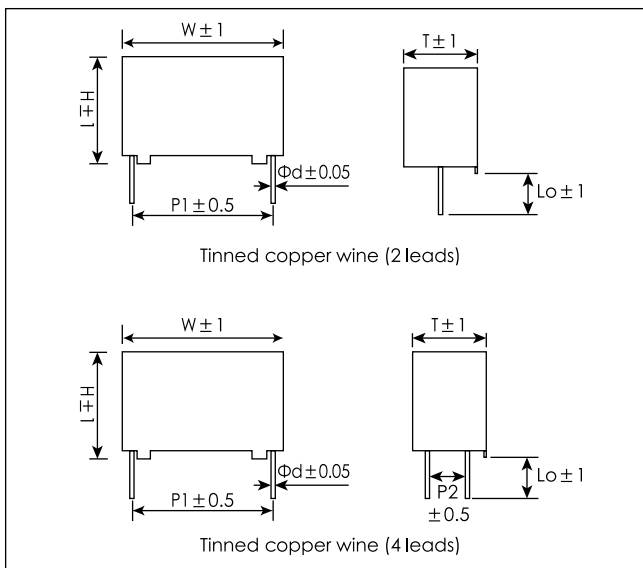
- 高电流
- 自愈性好
- 低功耗
- 内部温升小
- 高可靠性
- 适用于高频应用

应用场合

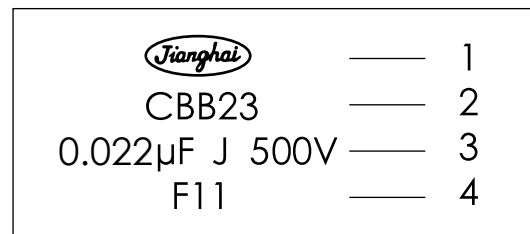
- 电源适配器
- 功率因数校正
- 镇流器和紧凑型灯具
- 逆变器

外形图 Dimensions

Unit: mm



标识 Marking



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	IEC60384-16
气候类别 Climatic Category	40/105/56
工作温度范围 Operating Temperature Range	-40~+105 $^{\circ}$ C
存储温度范围 Storage Temperature Range	-40~+105 $^{\circ}$ C
额定电压 U_R Rated Voltage	450~630V _{DC}
电容量范围 Capacitance Range	0.01~3.3 μ 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	$1.5 \times U_{NDC}$, 10s (20 $^{\circ}$ C)
端子与外壳电压 U_{TC} Voltage Between Terminals and Case	2000 V _{AC} , 10s (20 $^{\circ}$ C, 50Hz)
损耗角正切 Dissipation Factor	0.001 (20 $^{\circ}$ C 1KHz)
介质损耗角正切 Dielectric Dissipation Factor	0.0002
绝缘电阻 Insulation Resistance	$\geq 30000M\Omega$ ($C \leq 0.33$) at 100V _{DC} 1min, 20 $^{\circ}$ C $\geq 10000M\Omega$ ($C > 0.33$) at 100V _{bDC} 1min, 20 $^{\circ}$ C
预期寿命 Life Expectancy	100000 hours (U_R , $\theta_{hotspot} = 70^{\circ}$ C)
失效率 Failure Rate	100 FIT

规格标准 Standard Ratings

U_R	U_R	C_R	P/N	W	H	T	P1	\hat{i}	dv/dt	D
(V _{DC})	(V _{AC})	(μ F)	-	(mm)	(mm)	(mm)	(mm)	(A)	(V/us)	(mm)
450	220	0.10	FCS2WIH104**C41000A	13.0	11.0	5.0	10.0	25.0	250	0.6
	220	0.15	FCS2WIH154**C41000A	13.0	11.0	5.0	10.0	37.5	250	0.6
	220	0.22	FCS2WIH224**C41000A	13.0	11.0	5.0	10.0	55.0	250	0.6
	220	0.33	FCS2WIH334**C51000A	13.0	12.0	6.0	10.0	82.5	250	0.6
	220	0.39	FCS2WIH394**C81000A	13.0	13.0	7.0	10.0	97.5	250	0.6
	220	0.47	FCS2WIH474**C81000A	13.0	13.0	7.0	10.0	117.5	250	0.6
	220	0.56	FCS2WIH564**C91000A	13.0	14.0	8.0	10.0	140.0	250	0.6
	220	0.68	FCS2WIH684**C71000A	13.0	16.0	8.0	10.0	170.0	250	0.6
	220	0.82	FCS2WIH824**CE1000A	13.0	19.0	10.0	10.0	205.0	250	0.6
	220	1.00	FCS2WIH105**CE1000A	13.0	19.0	10.0	10.0	250.0	250	0.6
	220	0.10	FCS2WIH104**E21500A	18.0	11.0	5.0	15.0	16.0	160	0.6
	220	0.15	FCS2WIH154**E21500A	18.0	11.0	5.0	15.0	24.0	160	0.6
	220	0.22	FCS2WIH224**E51500A	18.0	12.0	6.0	15.0	35.2	160	0.6
	220	0.33	FCS2WIH334**E1500A	18.0	17.5	6.0	15.0	52.8	160	0.6
	220	0.47	FCS2WIH474**E71500B	18.0	13.5	7.5	15.0	75.2	160	0.8
	220	0.47	FCS2WIH474**E1500A	18.0	17.5	6.0	15.0	75.2	160	0.6
	220	0.47	FCS2WIH474**EA1500B	18.0	12.5	9.0	15.0	75.2	160	0.8
	220	0.68	FCS2WIH684**E1500A	18.0	17.5	6.0	15.0	108.8	160	0.6
	220	0.68	FCS2WIH684**E81500B	18.0	14.5	8.5	15.0	108.8	160	0.8
	220	0.68	FCS2WIH684**J21500B	18.0	12.0	13.0	15.0	108.8	160	0.8
220	0.82	FCS2WIH824**E81500B	18.0	14.5	8.5	15.0	131.2	160	0.8	
220	0.82	FCS2WIH824**J21500B	18.0	12.0	13.0	15.0	131.2	160	0.8	
220	1.00	FCS2WIH105**EC1500B	18.0	16.0	10.0	15.0	160.0	160	0.8	
220	1.50	FCS2WIH155**EG1500B	18.0	19.0	11.0	15.0	240.0	160	0.8	
220	2.20	FCS2WIH225**B42200B	26.0	19.0	10.0	22.5	220.0	100	0.8	
220	3.30	FCS2WIH335**B62200B	26.0	23.0	13.0	22.5	330.0	100	0.8	
550	250	0.10	FCS2YIH104**C41000A	13.0	11.0	5.0	10.0	30.0	300	0.6
	250	0.15	FCS2YIH154**C51000A	13.0	12.0	6.0	10.0	45.0	300	0.6
	250	0.22	FCS2YIH224**C81000A	13.0	13.0	7.0	10.0	66.0	300	0.6
	250	0.33	FCS2YIH334**C91000A	13.0	14.0	8.0	10.0	99.0	300	0.6
	250	0.47	FCS2YIH474**C71000A	13.0	16.0	8.0	10.0	141.0	300	0.6
	250	0.10	FCS2YIH104**E21500A	18.0	11.0	5.0	15.0	20.0	200	0.6
	250	0.15	FCS2YIH154**E21500A	18.0	11.0	5.0	15.0	30.0	200	0.6
	250	0.22	FCS2YIH224**E51500A	18.0	12.0	6.0	15.0	44.0	200	0.6
	250	0.33	FCS2YIH334**E1500A	18.0	17.5	6.0	15.0	66.0	200	0.6
	250	0.33	FCS2YIH334**E71500B	18.0	13.5	7.5	15.0	66.0	200	0.8
	250	0.33	FCS2YIH334**EA1500B	18.0	12.5	9.0	15.0	66.0	200	0.8
	250	0.47	FCS2YIH474**E81500B	18.0	14.5	8.5	15.0	94.0	200	0.8
	250	0.47	FCS2YIH474**E1500B	18.0	18.0	7.0	15.0	94.0	200	0.8
	250	0.47	FCS2YIH474**J21500B	18.0	12.0	13.0	15.0	94.0	200	0.8
	250	0.68	FCS2YIH684**EC1500B	18.0	16.0	10.0	15.0	136.0	200	0.8
	250	0.82	FCS2YIH824**EG1500B	18.0	19.0	11.0	15.0	164.0	200	0.8
	250	1.00	FCS2YIH105**EG1500B	18.0	19.0	11.0	15.0	200.0	200	0.8
	250	1.50	FCS2YIH155**B52200B	26.0	20.0	11.0	22.5	180.0	120	0.8
	250	2.20	FCS2YIH225**B62200B	26.0	23.0	13.0	22.5	264.0	120	0.8
	630	275	0.010	FCSJ2IH103**C41000A	13.0	11.0	5.0	10.0	4.0	400
275		0.015	FCSJ2IH153**C41000A	13.0	11.0	5.0	10.0	6.0	400	0.6
275		0.022	FCSJ2IH223**C41000A	13.0	11.0	5.0	10.0	8.8	400	0.6
275		0.033	FCSJ2IH333**C41000A	13.0	11.0	5.0	10.0	13.2	400	0.6
275		0.047	FCSJ2IH473**C41000A	13.0	11.0	5.0	10.0	18.8	400	0.6
275		0.068	FCSJ2IH683**C51000A	13.0	12.0	6.0	10.0	27.2	400	0.6
275		0.082	FCSJ2IH823**C51000A	13.0	12.0	6.0	10.0	32.8	400	0.6
275		0.100	FCSJ2IH104**C51000A	13.0	12.0	6.0	10.0	40.0	400	0.6
275		0.047	FCSJ2IH473**E21500A	18.0	11.0	5.0	15.0	11.8	250	0.6
275		0.056	FCSJ2IH563**E21500A	18.0	11.0	5.0	15.0	14.0	250	0.6
275		0.068	FCSJ2IH683**E21500A	18.0	11.0	5.0	15.0	17.0	250	0.6
275		0.082	FCSJ2IH823**E21500A	18.0	11.0	5.0	15.0	20.5	250	0.6
275		0.100	FCSJ2IH104**E21500A	18.0	11.0	5.0	15.0	25.0	250	0.6
275		0.150	FCSJ2IH154**E51500A	18.0	12.0	6.0	15.0	37.5	250	0.6
275		0.220	FCSJ2IH224**E1500A	18.0	17.5	6.0	15.0	55.0	250	0.6
275		0.220	FCSJ2IH224**E71500B	18.0	13.5	7.5	15.0	55.0	250	0.8
275		0.220	FCSJ2IH224**EA1500B	18.0	12.5	9.0	15.0	55.0	250	0.8

规格标准 Standard Ratings

U_R	U_R	C_R	P/N	W	H	T	P1	\hat{i}	dv/dt	D
(V _{DC})	(V _{AC})	(μ F)	-	(mm)	(mm)	(mm)	(mm)	(A)	(V/us)	(mm)
630	275	0.330	FCSJ2IH334**EF1500B	18.0	18.0	7.0	15.0	82.5	250	0.8
	275	0.330	FCSJ2IH334**E81500B	18.0	14.5	8.5	15.0	82.5	250	0.8
	275	0.330	FCSJ2IH334**EA1500B	18.0	12.5	9.0	15.0	82.5	250	0.8
	275	0.470	FCSJ2IH474**EF1500B	18.0	18.0	7.0	15.0	117.5	250	0.8
	275	0.470	FCSJ2IH474**EC1500B	18.0	16.0	10.0	15.0	117.5	250	0.8
	275	0.470	FCSJ2IH474**J21500B	18.0	12.0	13.0	15.0	117.5	250	0.8
	275	0.680	FCSJ2IH684**EG1500B	18.0	19.0	10.0	15.0	170.0	250	0.8
	275	0.820	FCSJ2IH824**B42200B	26.0	19.0	10.0	22.5	131.2	160	0.8
	275	1.000	FCSJ2IH105**B52200B	26.0	20.0	11.0	22.5	160.0	160	0.8

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