CBB132 DH SERIES

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
F	C	C	2	K	D	H	9	0	6	K	E	0	5	9	W	0	A
电容器类型 Capacitor Type		产品外形 Product Shape	额定电压代码 D.C.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			引出端子间距 Terminals Pitch	底部螺栓 Bottom-bolt	外壳式样 Shell style
FC=薄膜电容器 FC=Film Capacitor		圆柱型=C Column=C	600=2S		CBB132=DH		25=356			±5%=J	50=D	59=059			12.7=W	M8*10=4	A=A
			800=2K				35=356			±10%=K	56.3=C	71=071				无=0 Without=0	B=B
			1000=3A				45=456			Special=S	63.5=E						
			1200=3B				60=606				35.9=X						
							90=906										
							110=117										
							145=157										

CBB132 DH SERIES

Features

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

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

Applications

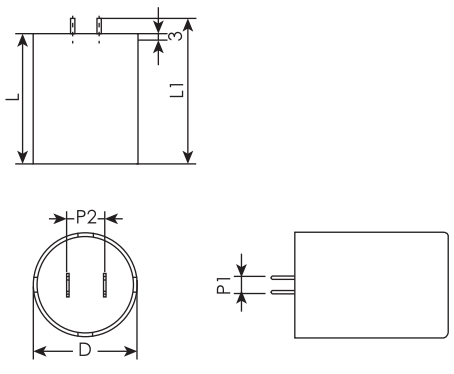
- ■Used in Inverters of wind power and solar power
- ■Frequency converters
- ■Industrial and high-end power supplies

应用场合

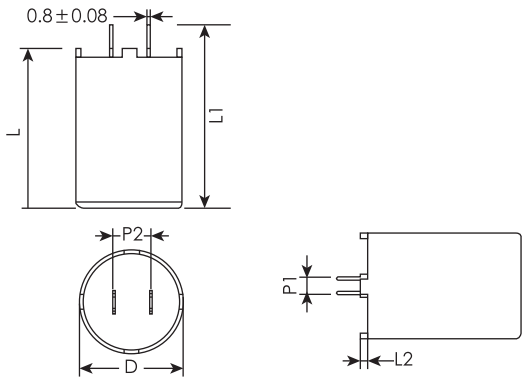
- ■风能发电，太阳能发电
- ■变频器
- ■工业和高端电源

外形图 Dimensions

Unit: mm

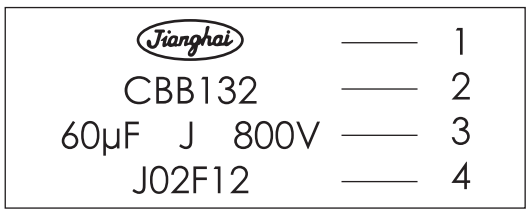


Style A



Style B

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

规格标准 Standard Ratings

U_R	C_R	P/N	dV/dt	Î	Rs	I_{max}	D±0.5	L±0.8	L1±1.3	P1±0.5	P2±0.8
(V)	(μF)	-	(V/μS)	(A)	10kHz (mΩ)	70℃ 10KHz(A)	(mm)	(mm)	(mm)	(mm)	(mm)
600	30	FCC2SDH306KX061W0*	28	847	8	12.4	35.9	53.7	61.3	5.4	12.7
	110	FCS2SDH117*D071W0*	15	1650	3.5	25	50	63	70.6	5.1	12.7
	145	FCS2SDH157*C071W0*	15	2175	2.8	35	56.3	63	70.6	5.1	12.7
	145	FCS2SDH157*E059W0*	20	2900	2.5	35	63.5	51.4	59	5.1	12.7
800	60	FCC2KDH606KD071W0*	15	900	5.0	16	50	63	70.6	5.1	12.7
	90	FCC2KDH906KC071W0*	15	1350	4.0	20	56.3	63	70.6	5.1	12.7
	90	FCC2KDH906KE059W0*	20	1800	3.0	20	63.5	51.4	59	5.1	12.7
1000	45	FCS3ADH456*D071W0*	15	675	6.0	15	50	63	70.6	5.1	12.7
	60	FCS3ADH606*C071W0*	15	900	5.0	18	56.3	63	70.6	5.1	12.7
	60	FCS3ADH606*E059W0*	20	1200	4.5	18	63.5	51.4	59	5.1	12.7
1200	25	FCS3BDH256*D071W0*	20	500	8.9	10	50	63	70.6	5.1	12.7
	35	FCS3BDH356*C071W0*	20	700	6.0	15	56.3	63	70.6	5.1	12.7
	35	FCS3BDH356*E059W0*	25	875	5.5	15	63.5	51.4	59	5.1	12.7

* R_{th} 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.

FILM

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℃ ($\Theta_{hotspot}$≤105℃) $\Theta_{hotspot}$=85℃~105℃: decreasing factor 1.35% per ℃ for U_R(dc)
存储温度范围 Storage Temperature Range	-40~+105℃
额定电压U_R Rated Voltage	600~1200V_{DC}
电容量范围 Capacitance Range	25~145μF
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_R V_{DC}, 10s (20 ℃)
端子与铝壳电压U_{TC} Voltage Between Terminals and Case	3000 V_{AC}, 10 s(20 ℃,50 Hz)
介质损耗角正切 Dielectric Dissipation Factor	≤2×10^{-4}
绝缘电阻 Insulation Resistance	≥5000MΩ • μF (20℃, 100V_{DC}, 1min)
过电压 Over Voltage	1.1U_R (30% of on-load-duration)
	1.15U_R (30 min/day)
	1.2U_R (5 min/day)
	1.3U_R (1 min/day)
	1.5U_R (30 ms every time, 100ms/day)
预期寿命 Life Expectancy	100000 hours (U_R, $\Theta_{hotspot}$=70℃]
失效率 Failure Rate	50 FIT

预期寿命曲线 Expected lifetime curve