

C51(CBBSH) Series for DC-Link



主要应用 Application

- 广泛应用于UPS、SMPSs、逆变电源、焊机电源等设备中起直流支撑和滤波。
- DC-Link and filter for UPS, SMPSs, inverter, welding machine power.

产品特点 Characteristics

- 电介质: 聚丙烯薄膜
- 结构: 金属化膜干式结构
- 封装: 金属铝外壳, 阻燃 (UL94V-0级) 环氧封装
- 引出: 镀锡铜螺母或螺杆引出
- 高稳定性低ESR, ESL具有自愈性
- Dielectric: Polypropylene film
- Construction: Extended metalized film, dry connection
- Coating: Aluminum case with resin sealing. Flame retardant execution (UL94V-0)
- Terminals: Copper nut or screw leads
- High stability Low ESR, ESL Self healing

技术性能 Specifications

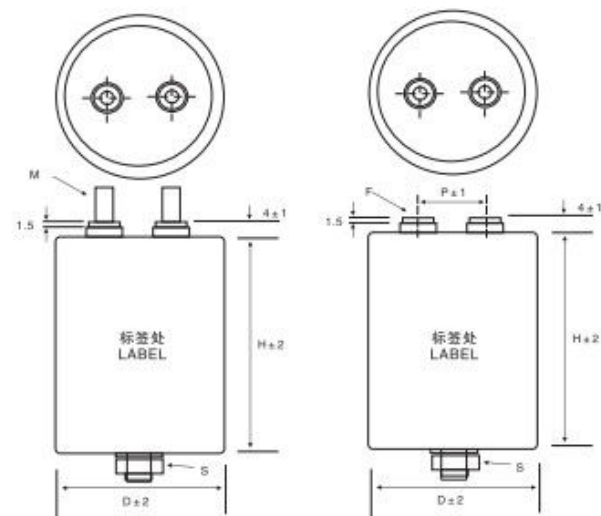
引用标准/Reference standards	GB/T 17702 IEC 61071
工作温度范围/Operating temperature range	-40°C ~ 85°C
容量范围/Capacitance	80 µF ~ 1000 µF
额定电压/Rated Voltage	500Vdc ~ 2000Vdc
容量偏差/Tolerance	±5% ±10%
极间耐压/Test voltage between terminals	1.5Ur (Vdc) 10s 25°C ±5°C
极壳耐压/Test voltage between terminals and case	3000V 50Hz 60s, 25°C ±5°C
损耗角正切/Dissipation factor	$\tan \delta \leq 2 \times 10^{-3}$ at 25°C ±5°C, 100Hz
绝缘电阻/Insulation resistance	$C \times R \geq 5000s$, at 100Vdc, 25°C ±5°C, 60s
预期寿命/Life expectancy	200000h at Ur and 70°C

过压运行 Protection against over voltages

1.1 × Un	有负载时间的30% Load time 30%
1.15 × Un	30分钟 30min
1.2 × Un	5分钟 5min
1.3 × Un	1分钟 1min
1.5 × Un	100毫秒 100ms

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产品外形及参考尺寸 Product shape and size for reference



Case	Out put				Stud mounting		
	M	Torque	F	Torque	P	S	Torque
D=55			M5 × 8	2.5N.M max	22.0	M10 × 12	6.0N.M max
D=60,65			M5 × 8	2.5N.M max	28.5	M12 × 16	8.0N.M max
D=76,86	M8 × 20	8.5N.M max	M6 × 8	4.5N.M max	32.0		

产品编码 Part Numbering System

