

Typical application 典型应用

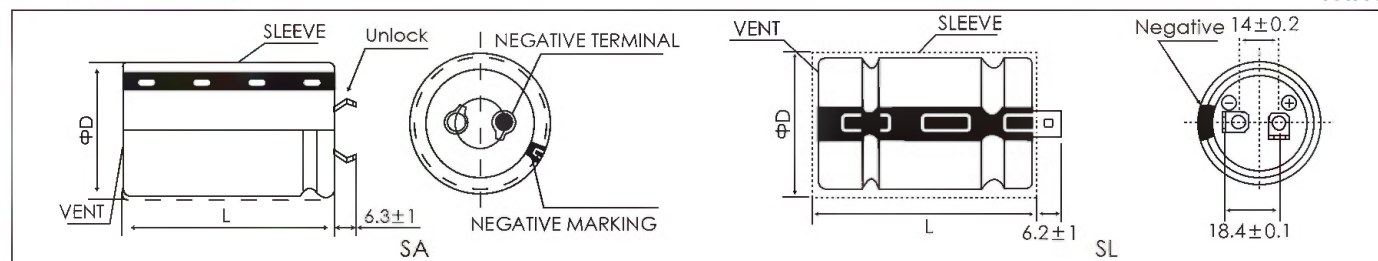
- Backup power supply of fan pitch control system
风机变桨控制系统的后备电源
- Energy storage system of construction machinery
工程机械储能系统
- Electric tool
电动工具
- Industrial standby power supply
工业备用电源
- AGV on-board power supply
AGV车载电源



Items 项目	Characteristics 特性		
Rated Voltage 额定电压	3 V		
Operating Temperature Rang 工作温度范围	-40~+65°C (-40 ~+85°C @2.5V)		
Surge Voltage 浪涌电压	3.15 V		
Capacitance Range 容量范围	100~600 F		
Capacitance Tolerance 容差范围(25°C)	Q: -10~+30%, I: 0~+10%, R: 0~+20%, F: 0~+30%		
Temperature Characteristics 温度特性	The specifications shall be met at category temperature range from -40°C to 65°C 在-40°C至65°C温度范围内, 应满足规范	Capacitance change 容量变化	Within 30% of the initial value at 25°C 在25°C时初始值的30%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍
High Temperature Loaded 高温负荷	The specifications shall be met after rated voltage applied at 65°C for 1000 hours 在65°C温度下, 以额定电压恒压1000h后, 应满足规范	Capacitance change 容量变化	Within 30% of the initial value 在初始值的30%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍
High Temperature Storage 高温存储	The specifications shall be met after storage at 70°C for 1000 hours 在70°C 温度下, 不加电压储存1000h后, 应满足规范	Capacitance change 容量变化	Within 30% of the initial value 在初始值的30%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍
Cycle Life 循环寿命	The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V _R to 1/2V _R 在25°C 温度下, V _R ~ 1/2V _R 充放电循环500,000次后, 应满足规范	Capacitance change 容量变化	Within 30% of the initial value 在初始值的30%以内
		ESR _{AC} change 交流内阻变化	Not more than 2 times of the initial specified value 不超过初始规定值的2倍

Dimensions 尺寸

mm



Ratings for SSE Series SSE 系列额定值

U _s (Surge Voltage) Code (额定电压 (浪涌电压) 代码)	Rated Cap. 25°C (额定容量 25°C (*))	Impedance 内阻		Leakage Current 漏电流(72hrs) (mA)	Size 尺寸 ΦD×L (mm)	Weight 重量 (g)	P/N 产品代码
		ESR _{DC} 直流内阻 (mΩ)	ESR _{AC} 交流内阻 (1 KHz) (mΩ)				
(V)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(g)	-
3 (3.15) 3R0	100	12	8	0.3	22×45	21	SCCDES3R0107QSA220045E
	120	12	8	0.3	22×45	21	SCCDES3R0127QSA220045E
	160	12	8	0.5	22×55	30	SCCDES3R0167QSA220055E
	150	11	7	0.5	25×50	30	SCCDES3R0157QSA250050E
	200	10	6	0.7	30×50	36	SCCDES3R0207QSA300050ES
	220	11	7	0.7	30×50	39	SCCDES3R0227QSA300050ES
	240	11	7	0.7	30×50	45	SCCDES3R0247QSA300050ES
	350	3.6	3.1	1.0	35×60	73	SCCDES3R0357QSL350060ES
	400	3.3	2.9	1.2	35×60	73	SCCDES3R0407QSL350060ES
	470	3.6	3.1	1.3	35×60	73	SCCDES3R0477QSL350060ES
	500	3.5	3	1.3	35×67	76	SCCDES3R0507QSL350067ES
	600	3	2.5	1.5	35×70	90	SCCDES3R0607QSL350070ES