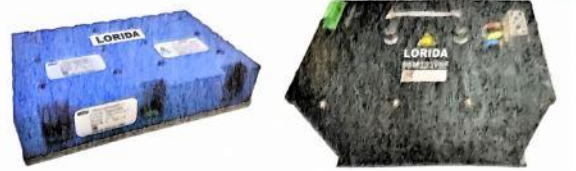


SSM Series

Lug / Snap-in EDLC Module 焊针式 / 焊片式 EDLC 模组

Typical applications 典型应用

- Backup power for fan-rotor systems
- Energy storage for construction machinery
- Industrial standby power
- AGV on-board power



Branding illustration / 品牌外观示意

Electrical characteristics 电气特性

Parameter / 项目	Specification / 规格
Rated voltage / 额定电压	80-160 V
Operating temperature / 工作温度	-40 to +65 °C
Capacitance range / 容量范围	6-21.7 F
Capacitance tolerance at 25 °C / 容量偏差	0% to +20%

Reliability characteristics 可靠性特性

Test / 项目	Condition / 条件	Requirements / 要求
Temperature characteristics 温度特性	-40 to +65 °C -40 至 +65 °C	Capacitance change: within 20% of initial value at 25 °C ESR _{AC} : "2 × initial specified value"
High-temperature load 高温负荷	Rated voltage, 65 °C, 1,000 h 额定电压, 65 °C, 1,000 小时	Capacitance change: within 20% of initial value ESR _{AC} : "2 × initial specified value"
High-temperature storage 高温存储	70 °C, 1,000 h 70 °C, 1,000 小时	Capacitance change: within 20% of initial value ESR _{AC} : "2 × initial specified value"
Cycle life 循环寿命	500,000 cycles, 25 °C V _R to ½V _R 500,000 次充放电循环, 25 °C	Capacitance change: within 20% of initial value ESR _{AC} : "2 × initial specified value"

Ratings and part numbers 额定值与料号

U _R (Surge Voltage) Code 额定电压 (浪涌电压) 代码	Rated Capacitance 额定容量 25°C (*)	ESR _{DC} 直流内阻	Leakage Current 漏电流(72hrs)	Max. Peak Current (1s) 峰值电流	Size 尺寸 (LxWxH)	Weight 重量	P/N 产品代码
(V)	(F)	(mΩ)	(mA)	(A)	(mm)	(Kg)	-
80	21.7	70	60	440	465 x 150 x207	9.5	SCMDPS080216RA
85	20.6	75	60	400	400x148x213	11	SCMDPS085206RA
90	9.6	130	30	220	305 x 112 x270	7.5	SCMDPS090965RA
	11.1	130	30	220	305 x 112 x270	7.5	SCMDPS090116RA
	13	130	30	220	305 x 112 x270	7.5	SCMDPS090136RA
	19.4	75	60	440	410 x 150 x211	11	SCMDPS090196RA
125	7.2	200	30	220	390x190x80	5.5	SCMDPS125725RA
160	6	240	30	220	379 x 251 x83	6.5	SCMDPS160605RA
	10	220	30	320	420 x 90 x300	9	SCMDPS160106RA
	12	220	30	320	480 x 90 x336	11.5	SCMDPS160126RA
	13	220	30	320	480x90x336	14	SCMDPS160136RA
	13	160	30	360	428x105x300	14	SCMDPS160136RA

Custom products are available on request.

SMGP Series

Screw EDLC Module 螺栓式EDLC 模组

Typical applications 典型应用

- DVR voltage-sag compensation systems
- Low-temperature DC starting power modules
- Hybrid electric vehicles
- Rail transit
- Heavy industrial equipment
- UPS systems



Branding illustration / 品牌外观示意

Electrical characteristics 电气特性

Parameter / 项目	Specification / 规格
Rated voltage / 额定电压	16-48 V
Operating temperature / 工作温度	-40 to +65 °C
Capacitance range / 容量范围	165-500 F
Capacitance tolerance at 25 °C / 容量偏差	-10% to +30%

Reliability characteristics 可靠性特性

Test / 项目	Condition / 条件	Requirements / 要求
Temperature characteristics 温度特性	-40 to +65 °C -40 至 +65 °C	Capacitance change: within 20% of initial value at 25 °C ESR_{AC} : "2 × initial specified value"
High-temperature load 高温负荷	Rated voltage, 65 °C, 1,000 h (source EN) 额定电压, 65 °C, 1,500 小时 (原中文)	Capacitance change: within 20% of initial value ESR_{AC} : "2 × initial specified value"
High-temperature storage 高温存储	70 °C, 1,000 h 70 °C, 1,000 小时	Capacitance change: within 20% of initial value ESR_{AC} : "2 × initial specified value"
Cycle life 循环寿命	500,000 cycles, 25 °C V_R to $\frac{1}{2}V_R$ 500,000 次充放电循环, 25 °C	Capacitance change: within 20% of initial value ESR_{AC} : "2 × initial specified value"

Ratings and part numbers 额定值与料号

U_R (Surge Voltage) Code 额定电压 (浪涌电压) 代码	Rated Capacitance 额定容量 25°C (*)	ESR_{DC} 直流内阻	Leakage Current 漏电流(72hrs)	Max. Peak Current (1s) 峰值电流	Size 尺寸 (LxWxH)	Weight 重量	P/N 产品代码
(V)	(F)	(mΩ)	(mA)	(A)	(mm)	(Kg)	-
16	500	2	5.2	1900	68 x 418 x 179	5.5	SCMDPG016507RA
27	300	2.5	5.2	1900	174 x 330 x 240	7	SCMDPG027307RA
48	165	6	5.2	1900	418 x 194 x 179	13.5	SCMDPG048167RA

Custom products are available on request.