

SCV Series

Coin EDLC Module 扣式 EDLC 模组

Typical applications 典型应用

- Computers and peripherals
- DSL modems and routers
- Remote and boiler controllers; automatic meter readers
- Car audio and intelligent instruments
- DVD / Blu-ray recorders
- RTC backup 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	5.5 V
Operating temperature / 工作温度	-25 to +70 °C
Surge voltage / 浪涌电压	5.6 V
Capacitance range / 容量范围	0.1-1.5 F
Capacitance tolerance at 25 °C / 容量偏差	-20% to +80%

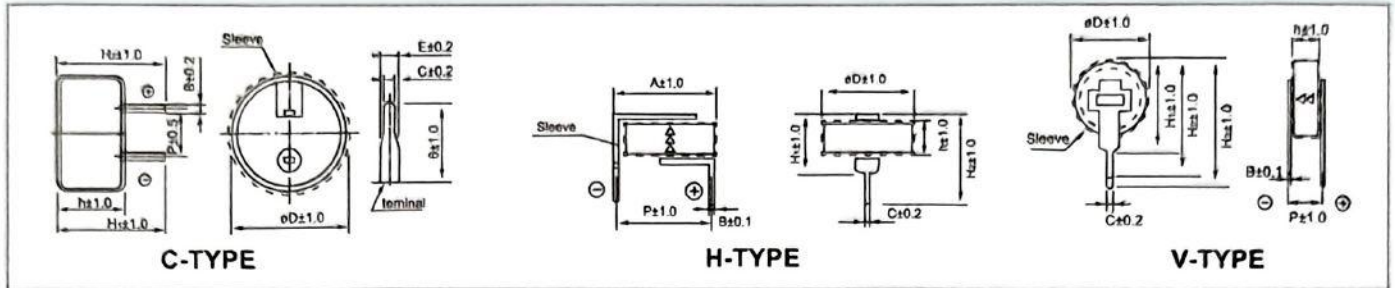
Reliability characteristics 可靠性特性

Test / 项目	Condition / 条件	Requirements / 要求
Temperature characteristics 温度特性	-25 to +70 °C -25 至 +70 °C	Capacitance: within 30% of initial value at 25 °C (source EN) ESR _{AC} : "5 × initial specified value 容量变化: 50% 以内; 内阻: ≤5 倍 原中文容量限值为 50%
High-temperature load 高温负荷	5 V, 70 °C, 1,000 h 5 V, 70 °C, 1,000 小时	Capacitance change: within 30% of initial value ESR _{AC} : "5 × initial specified value 容量变化: 30% 以内; 内阻: ≤5 倍
High-temperature storage 高温存储	70 °C, 1,000 h 70 °C, 1,000 小时	Capacitance change: within 30% of initial value ESR _{AC} : "5 × initial specified value 容量变化: 30% 以内; 内阻: ≤5 倍

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Dimensions 外形尺寸



Dimensions in mm. Tolerances are shown in the drawing.

Ratings and part numbers 额定值与料号

U _R (Surge Voltage) Code 额定电压 (浪涌电压) 引出脚型	Rated Capacitance (25°C) 额定容量 (25°C)	ESR _{AC} (1KHz) 交流内阻 (1KHz)	Leakage Current (72hrs) 漏电流 (72 小时)	Size 尺寸								P/N 部品号
				D	h	P	H ₁	H ₂	B	C	E	
(V)	(F)	(Ω)	(mA)	(mm)								-
5.5 (5.6) 5R5 C-TYPE	0.1	75	0.005	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5104ZVC135007E
	0.22	75	0.005	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5224ZVC135007E
	0.33	50	0.008	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5334ZVC135007E
	0.47	50	0.008	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5474ZVC135007E
	1.0	30	0.012	20.5	7.8	5.0	12.8	13.8	0.4	0.8	1.2	SCMDVC5R5105ZVC205007E
	1.5	30	0.012	20.5	7.8	5.0	12.8	13.8	0.4	0.8	1.2	SCMDVC5R5155ZVC205007E

U _R (Surge Voltage) Code 额定电压 (浪涌电压) 引出脚型	Rated Capacitance (25°C) 额定容量 (25°C)	ESR _{AC} (1KHz) 交流内阻 (1KHz)	Leakage Current (72hrs) 漏电流 (72 小时)	Size 尺寸								P/N 部品号
				D	h	P	H ₁	H ₂	A	B	C	
(V)	(F)	(Ω)	(mA)	(mm)								-
5.5 (5.6) 5R5 H-TYPE	0.1	75	0.005	11.5	4.8	10	6	9	12.5	0.2	0.8	SCMDVC5R5104ZVH115004E
	0.22	75	0.005	11.5	4.8	10	6	9	12.5	0.2	0.8	SCMDVC5R5224ZVH115004E
	0.33	50	0.008	11.5	4.8	10	6	9	12.5	0.2	0.8	SCMDVC5R5334ZVH115004E
	0.47	50	0.008	11.5	4.8	10	6	9	12.5	0.2	0.8	SCMDVC5R5474ZVH115004E
	1.0	30	0.012	19	4.8	20	7	9.5	20	0.2	1.0	SCMDVC5R5105ZVH190004E
	1.5	30	0.012	19	4.8	20	7	9.5	20	0.2	1.0	SCMDVC5R5155ZVH190004E

U _R (Surge Voltage) Code 额定电压 (浪涌电压) 引出脚型	Rated Capacitance (25°C) 额定容量 (25°C)	ESR _{AC} (1KHz) 交流内阻 (1KHz)	Leakage Current (72hrs) 漏电流 (72 小时)	Size 尺寸								P/N 部品号
				D	h	P	H ₁	H ₂	H ₃	B	C	
(V)	(F)	(Ω)	(mA)	(mm)								-
5.5 (5.6) 5R5 V-TYPE	0.1	75	0.005	11.5	4.8	5	13	16.5	16.5	0.2	0.8	SCMDVC5R5104ZVV115004E
	0.22	75	0.005	11.5	4.8	5	13	16.5	16.5	0.2	0.8	SCMDVC5R5224ZVV115004E
	0.33	50	0.008	11.5	4.8	5	13	16.5	16.5	0.2	0.8	SCMDVC5R5334ZVV115004E
	0.47	50	0.008	11.5	4.8	5	13	16.5	16.5	0.2	0.8	SCMDVC5R5474ZVV115004E
	1.0	30	0.012	19	4.8	5	20.5	24.5	25.5	0.2	1.0	SCMDVC5R5105ZVV190004E
	1.5	30	0.012	19	4.8	5	20.5	24.5	25.5	0.2	1.0	SCMDVC5R5155ZVV190004E