

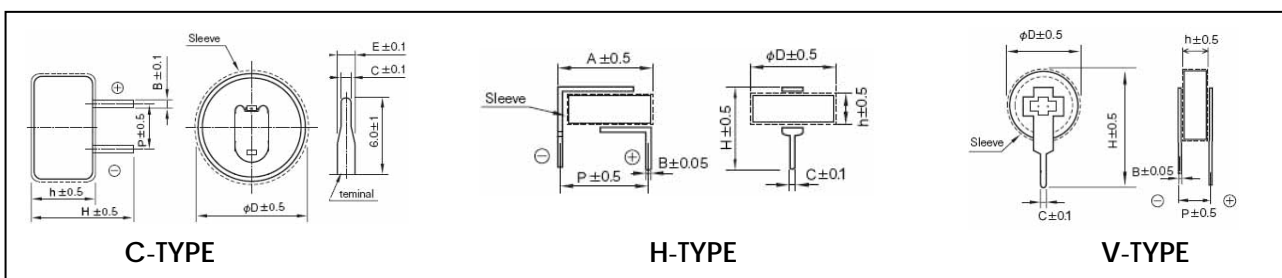
## ■ Features

- Standard product
- Quick charge & discharge
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader



Items	Characteristics		
Rated Voltage	5.5V		
Operating Temperature Range	-25 ~ +70°C		
Surge Voltage	6.0V		
Capacitance Range	0.1~1.5 F		
Capacitance Tolerance (25°C)	-20~+80%		
Temperature Characteristics	The specifications shall be met at category temperature range from -25°C to 70°C	Capacitance Change	Within 30% of the initial value at 20°C
		ESR	Less than 2 times of the initial specified value at 20°C
High Temperature Loaded	The specifications shall be met after rated voltage applied at 70°C for 1000 hours	Capacitance Change	Within 30% of the initial value at 20°C
		ESR	Less than 4 times of the initial specified value
High Temperature Storage	The specifications shall be met after storage at 70°C for 1000 hours	Capacitance Change	Within 30% of the initial value at 20°C
		ESR	Less than 4 times of the initial specified value

## Dimensions mm



## Standard Ratings for SCV Series

U <sub>R</sub> (Surge Voltage) Code	Rated Capacitance 25°C	Impedance ESR <sub>AC</sub> 1KHz	Size								P/N
			D	h	P	H <sub>1</sub>	H <sub>2</sub>	B	C	E	
(V)	(F)	(Ω)	(mm)								-
5.5 (6) 5R5  C-TYPE	0.1	75	12.5	6.5	5.0	11.5	12	0.4	0.8	1.2	SCMDVC5R5104ZVC125006E
	0.22	75	12.5	6.5	5.0	11.5	12	0.4	0.8	1.2	SCMDVC5R5224ZVC125006E
	0.33	75	12.5	6.5	5.0	11.5	12	0.4	0.8	1.2	SCMDVC5R5334ZVC125006E
	0.47	75	12.5	6.5	5.0	11.5	12	0.4	0.8	1.2	SCMDVC5R5474ZVC125006E
	1.0	30	20.5	7.5	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5105ZVC205007E
1.5	30	20.5	7.5	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5155ZVC205007E	



# SCV CV SERIES

## Standard Ratings for SCV Series

U <sub>R</sub> (Surge Voltage) Code	Rated Capacitance 25°C	Impedance ESR <sub>AC</sub> 1KHZ	Size								P/N
			D	h	P	H <sub>1</sub>	H <sub>2</sub>	A	B	C	
(v)	(F)	(Ω)	(mm)								-
5.5 (6) 5R5	0.1	75	11.5	4.5	10	6	9	12.2	0.2	0.8	SCMDVC5R5104ZVH115004E
	0.22	75	11.5	4.5	10	6	9	12.2	0.2	0.8	SCMDVC5R5224ZVH115004E
	0.33	75	11.5	4.5	10	6	9	12.2	0.2	0.8	SCMDVC5R5334ZVH115004E
H-TYPE	0.47	75	11.5	4.5	10	6	9	12.2	0.2	0.8	SCMDVC5R5474ZVH115004E

U <sub>R</sub> (Surge Voltage) Code	Rated Capacitance 25°C	Impedance ESR <sub>AC</sub> 1KHZ	Size							P/N
			D	h	P	H <sub>1</sub>	H <sub>2</sub>	B	C	
(v)	(F)	(Ω)	(mm)							-
5.5 (6) 5R5	0.1	75	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5104ZVV115004E
	0.22	75	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5224ZVV115004E
	0.33	75	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5334ZVV115004E
	0.47	75	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5474ZVV115004E
V-TYPE	1.0	30	19	4.5	5	20.5	25.5	0.2	1.0	SCMDVC5R5105ZVV190004E
	1.5	30	19	4.5	5	20.5	25.5	0.2	1.0	SCMDVC5R5155ZVV190004E