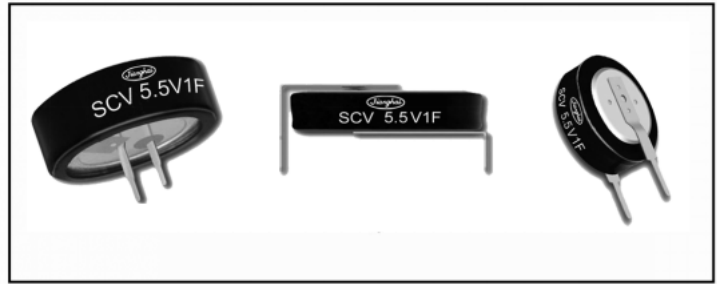


SCV SERIES

■ Features

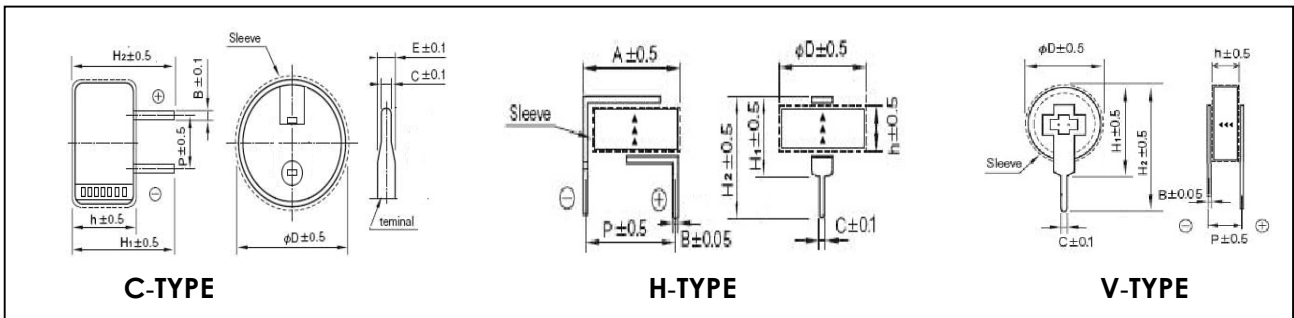
- Standard product
- Quick charge & discharge
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader



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 range	Within 30% of the value at 25°C
		ESR	Less than 2 times of the initial specified value
High Temperature Loaded	The specifications shall be met after rated voltage applied at 70°C for 1000 hours	Capacitance range	Within 30% of the initial value
		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 range	Within 30% of the initial value
		ESR	Less than 4 times of the initial specified value

Dimensions

mm



SCV SERIES

Standard Ratings for SCV Series

U _R (Surge Voltage) Code	Rated Cap. 25°C,	ESR _{AC} (1KHz)	Leakage Current (72hrs)	Size								P/N
				D	h	P	H ₁	H ₂	B	C	E	
(v)	(F)	(Ω)	(mA)	(mm)								-
5.5 (6) 5R5 C-TYPE	0.1	75	0.003	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5104ZVC135007E
	0.22	75	0.003	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5224ZVC135007E
	0.33	50	0.005	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5334ZVC135007E
	0.47	50	0.005	13.5	7.0	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5474ZVC135007E
	1.0	30	0.008	20.5	7.5	5.0	12.0	12.5	0.4	0.8	1.2	SCMDVC5R5105ZVC205007E
	1.5	30	0.008	20.5	7.5	5.0	12.0	12.5	0.4	0.8	1.2	SCMDVC5R5155ZVC205007E

U _R (Surge Voltage) Code	Rated Cap. 25°C,	ESR _{AC} (1KHz)	Leakage Current (72hrs)	Size							P/N	
				D	h	P	H ₁	H ₂	A	B		C
(v)	(F)	(Ω)	(mA)	(mm)							-	
5.5 (6) 5R5 H-TYPE	0.1	75	0.003	11.5	4.5	10	6	9	12.5	0.2	0.8	SCMDVC5R5104ZVH115004E
	0.22	75	0.003	11.5	4.5	10	6	9	12.5	0.2	0.8	SCMDVC5R5224ZVH115004E
	0.33	50	0.005	11.5	4.5	10	6	9	12.5	0.2	0.8	SCMDVC5R5334ZVH115004E
	0.47	50	0.005	11.5	4.5	10	6	9	12.5	0.2	0.8	SCMDVC5R5474ZVH115004E
	1.0	30	0.008	19	4.5	20	7	9.5	20	0.2	1.0	SCMDVC5R5105ZVH190004E
	1.5	30	0.008	19	4.5	20	7	9.5	20	0.2	1.0	SCMDVC5R5155ZVH190004E

U _R (Surge Voltage) Code	Rated Cap. 25°C,	ESR _{AC} (1KHz)	Leakage Current (72hrs)	Size							P/N
				D	h	P	H ₁	H ₂	B	C	
(v)	(F)	(Ω)	(mA)	(mm)							-
5.5 (6) 5R5 V-TYPE	0.1	75	0.003	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5104ZVV115004E
	0.22	75	0.003	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5224ZVV115004E
	0.33	50	0.005	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5334ZVV115004E
	0.47	50	0.005	11.5	4.5	5	13	16.5	0.2	0.8	SCMDVC5R5474ZVV115004E
	1.0	30	0.008	19	4.5	5	20.5	25.5	0.2	0.8	SCMDVC5R5105ZVV190004E
	1.5	30	0.008	19	4.5	5	20.5	25.5	0.2	0.8	SCMDVC5R5155ZVV190004E