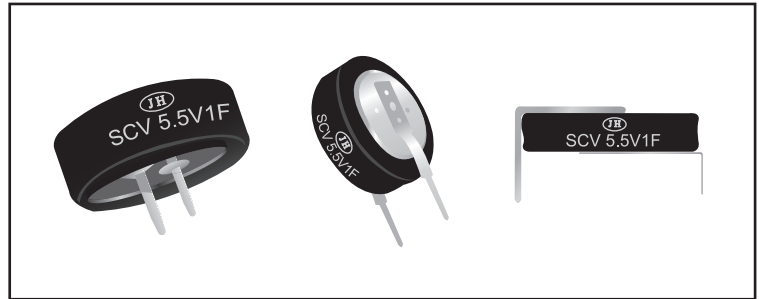


Features

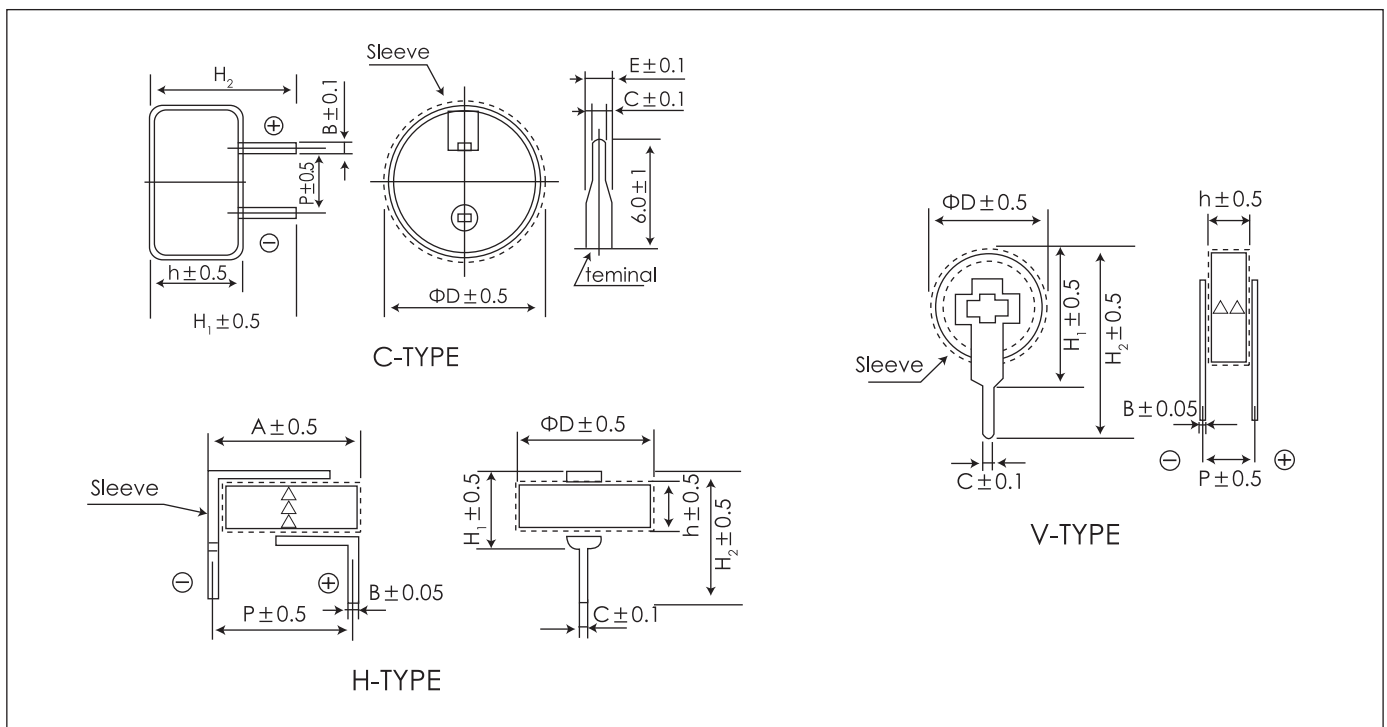
- Standard product
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader
- RTC



Items	Characteristics					
Rated Voltage	5.5V					
Operating Temperature Range	-25~+70°C					
Surge Voltage	6.0V					
Capacitance Range	0.1~1.5F					
Capacitance Tolerance (25°C)	-20~+80%					
Temperature Characteristics	The specifications shall be met at category temperature range form -25°C to 70°C	<table border="1"> <tr> <td>Capacitance Change</td> <td>Within 30% of the initial value at 25°C</td> </tr> <tr> <td>ESR</td> <td>Less than 2 times of the initial specified value</td> </tr> </table>	Capacitance Change	Within 30% of the initial value at 25°C	ESR	Less than 2 times of the initial specified value
	Capacitance Change	Within 30% of the initial 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	<table border="1"> <tr> <td>Capacitance Change</td> <td>Within 30% of the initial value</td> </tr> <tr> <td>ESR</td> <td>Less than 4 times of the initial specified value</td> </tr> </table>	Capacitance Change	Within 30% of the initial value	ESR	Less than 4 times of the initial specified value
	Capacitance Change	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	<table border="1"> <tr> <td>Capacitance Change</td> <td>Within 30% of the initial value</td> </tr> <tr> <td>ESR</td> <td>Less than 4 times of the initial specified value</td> </tr> </table>	Capacitance Change	Within 30% of the initial value	ESR	Less than 4 times of the initial specified value
	Capacitance Change	Within 30% of the initial value				
ESR	Less than 4 times of the initial specified value					

Dimensions

mm



Standard Ratings for SCV Series

U _R (Surge Voltage) Code	Rated Capacitance (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	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5104ZVC135007E
	0.22	75	0.003	13.5	7	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5224ZVC135007E
	0.33	50	0.005	13.5	7	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5334ZVC135007E
	0.47	50	0.005	13.5	7	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5474ZVC135007E
	1.0	30	0.008	20.5	7.5	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5105ZVC205007E
1.5	30	0.008	20.5	7.5	5.0	12.5	13.5	0.4	0.8	1.2	SCMDVC5R5155ZVC205007E	

U _R (Surge Voltage) Code	Rated Capacitance (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 Capacitance (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	