

Super/Gold Capacitor - Coin Type



SCC/SCH/SCV Series

■ Features

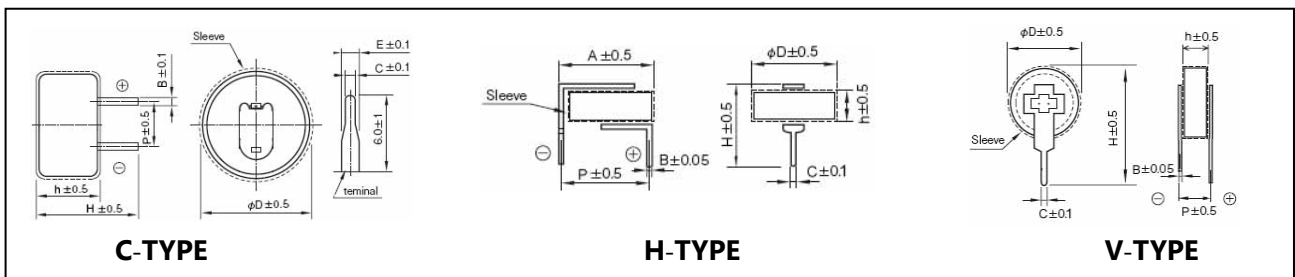
- Standard product
- Quick charge & discharge
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader



Items	Characteristics	
Rated Voltage	5.5V	
Operating Temperature Range	-25 ~ +70°C	
Surge Voltage	6.0V	
Capacitance Range	0.047~1.0 F	
Capacitance Tolerance (20°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 20°C
High Temperature Loaded	The specifications shall be met after rated voltage applied at 70°C for 1000 hours	
	ESR	Less than 400% of the value at 20°C
High Temperature Storage	The specifications shall be met after storage at 70°C for 1000 hours	
	Capacitance range	Within 30% of the initial value
Cycle Life	The specifications shall be met after 500,000 cycles at 25 °C , cycle of charge/discharge from V_R to $1/2V_R$	
	ESR	Less than 400% of the initial value

Dimensions

mm



Standard Ratings for SC Series

U_R (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Size							P/N
		ESR_{DC} (Ω)	ESR_{AC} 1KHz (Ω)	D	h	H	P	B	C	E	
(v)	(F)	(Ω)	(Ω)	(mm)							-
5.5 (6) 5R5 C-TYPE	0.15	100	60	13.5	7.0	13.5	5.0	0.4	0.8	1.2	SCC5R5154Z135007
	0.22	95	55	13.5	7.0	13.5	5.0	0.4	0.8	1.2	SCC5R5224Z135007
	0.33	75	50	13.5	7.0	13.5	5.0	0.4	0.8	1.2	SCC5R5334Z135007
	0.47	65	45	20.5	7.0	12.5	5.0	0.4	0.8	2.0	SCC5R5474Z205007
	0.68	45	30	20.5	7.0	12.5	5.0	0.4	0.8	2.0	SCC5R5684Z205007
	1.0	40	25	20.5	7.5	12.5	5.0	0.4	0.8	2.0	SCC5R5105Z205007
	1.5	30	20	20.5	7.5	12.5	5.0	0.4	0.8	2.0	SCC5R5155Z205007

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Standard Ratings for SC Series

U _R (Surge Voltage) Code	Rated Cap. 25°C,	Impedance		Size							P/N
		ESR _{DC}	ESR _{AC} 1KHz	D	h	H	P	B	C	A	
(V)	(F)	(Ω)	(Ω)	(mm)							-
5.5 (6) SR5 H-TYPE	0.15	100	60	6.8	4.5	9.5	7.2	0.15	0.5	7.2	SCH5R5154Z068004
	0.22	95	55	9.5	4.5	9.5	10	0.2	0.8	10	SCH5R5224Z095004
	0.33	75	50	9.5	5.5	10.5	10	0.2	0.8	10	SCH5R5334Z095006
	0.47	65	50	12.5	4.5	9.5	13	0.2	0.8	13	SCH5R5474Z125004
	0.68	45	30	16	4.5	9.5	16.5	0.2	1.0	16.5	SCH5R5684Z160004
	1.0	45	25	19	4.5	9.5	19.5	0.2	1.0	19.5	SCH5R5105Z190004
	1.5	30	20	20.5	5.0	10	21	0.2	1.0	21	SCH5R5155Z205005

U _R (Surge Voltage) Code	Rated Cap. 25°C,	Impedance		Size							P/N
		ESR _{DC}	ESR _{AC} 1KHz	D	h	H	P	B	C		
(V)	(F)	(Ω)	(Ω)	(mm)							-
5.5 (6) SR5 V-TYPE	0.15	100	60	6.8	4.5	10	5.0	0.15	0.5		SCV5R5154Z068004
	0.22	95	55	9.5	4.5	14	5.0	0.2	0.8		SCV5R5224Z095004
	0.33	75	50	9.5	6.0	14	6.5	0.2	0.8		SCV5R5334Z095006
	0.47	65	50	12.5	4.0	17.5	5.0	0.2	0.8		SCV5R5474Z125004
	0.68	45	30	16	4.5	20	5.0	0.2	1.0		SCV5R5684Z160004
	1.0	45	25	19	4.5	22.5	5.0	0.2	1.0		SCV5R5105Z190004
	1.5	30	20	20.5	5.0	24	5.5	0.2	1.0		SCV5R5155Z205005