

■ Features

- Lower ESR
- Low temperature
- RoHS compliant
- Consumer electronic
- Pulse power
- Hold-up power



Items	Characteristics		
Rated Voltage	2.7V		
Operating Temperature Range	-40 ~+65°C	(-40 ~+85°C@2.3V)	
Surge Voltage	2.85V		
Capacitance Range	1~100 F		
Capacitance Tolerance (25°C)	-10~+30%		
Temperature Characteristics	The specifications shall be met at category temperature range from -40°C to 65°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 65°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
High Temperature Storage	The specifications shall be met after storage at 65°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value
Cycle Life	The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V_R to $1/2V_R$	Capacitance range	Within 30% of the initial value
		ESR	Less than 2 times of the initial specified value

Dimensions

mm

ΦD	8	10	12	12.5	16	18
p	3.5	5.0		7.5		
Φd	0.6	0.6		0.8		
a	1.5	2.0				

Standard Ratings for SRP Series

U_R (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Leakage Current (72hrs) (mA)	Size $\Phi D \times L$ (mm)	Weight (g)	P/N
		ESR_{DC} (m Ω)	ESR_{AC} (1KHz) (m Ω)				
(v)	(F)	(m Ω)	(m Ω)	(mA)	(mm)	(g)	-
2.7 (2.85) 2R7	1	400	200	0.008	8 x 14	0.8	SCCDPR2R7105QRH080014E
	2	250	130	0.010	8 x 14	1	SCCDPR2R7205QRH080014E
	3	150	80	0.012	8 x 20	1.4	SCCDPR2R7305QRH080020E
	3.3	150	80	0.014	8 x 20	1.5	SCCDPR2R7335QRH080020E
	5	130	70	0.016	10 x 20	2.1	SCCDPR2R7505QRH100020E
	7	80	55	0.020	10 x 25	2.3	SCCDPR2R7705QRH100025E
	10	60	40	0.030	10 x 30	3.2	SCCDPR2R7106QRH100030E
	10	60	40	0.030	12.5 x 25	3.5	SCCDPR2R7106QRH125025E
	25	35	25	0.080	16 x 25	7	SCCDPR2R7256QRH160025E
	50	22	15	0.140	18 x 40	12.8	SCCDPR2R7506QRH180040E
	60	22	15	0.140	18 x 40	13	SCCDPR2R7606QRH180040E
	70	20	14	0.160	18 x 50	15	SCCDPR2R7706QRH180050E
100	18	12	0.180	18 x 60	20	SCCDPR2R7107QRH180060E	