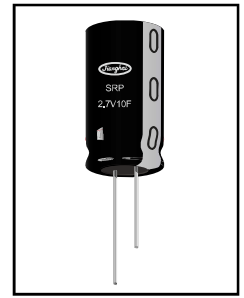


Features

- Standard Product
- RoHS compliant
- Consumer electronic
- Portable power tools
- DC-DC converters



Items	Characteristics		
Rated Voltage	2.7V		
Operating Temperature Range	-40 ~+65°C (-40 ~+85°C@2.3V)		
Surge Voltage	2.85V		
Capacitance Range	1~100F		
Capacitance Tolerance (25°C)	-10~+30%		
Temperature Characteristics	The specifications shall be met at category temperature range form -40°C to 65°C	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 65°C for 1000 hours	Capacitance Change	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 Change	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 Change	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	22
p	3.5	5.0			7.5		10
Φd	0.6	0.6			0.8		1.0
a	1.5	2.0					2.0

Standard Ratings for SRP Series

U_R (Surge Voltage) Code	Rated Capacitance 25°C	Impedance		Leakage Current (72hrs)	Size ΦD×L	Weight	P/N
		ESR _{DC}	ESR _{1KHz}				
(V)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(g)	-
2.7 (2.85) 2R7	1	400	200	0.008	8 x 12	0.7	SCCDPR2R7105QRH080012E
	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	8x 25	1.7	SCCDPR2R7505QRH080025E
	5	130	70	0.016	10 x 20	2.1	SCCDPR2R7505QRH100020E
	7	80	55	0.020	10 x 20	2.1	SCCDPR2R7705QRH100020E
	7	80	55	0.020	10 x 25	2.3	SCCDPR2R7705QRH100025E
	10	60	40	0.030	10 x 25	2.7	SCCDPR2R7106QRH100025E
	10	60	40	0.030	10 x 30	3.2	SCCDPR2R7106QRH100030E
	10	60	40	0.030	12.5 x 20	3.4	SCCDPR2R7106QRH125020E
	10	60	40	0.030	12.5 x 25	3.6	SCCDPR2R7106QRH125025E
	15	50	35	0.045	12.5 x 25	3.8	SCCDPR2R7156QRH125025E
	20	40	30	0.060	16x20	4.5	SCCDPR2R7206QRH160020E
	25	35	25	0.080	16 x 25	7	SCCDPR2R7256QRH160025E
	30	30	22	0.100	16x31.5	8	SCCDPR2R7306QRH160031E
	40	24	16	0.120	16x35	10	SCCDPR2R7406QRH160035E
	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	
100	18	12	0.180	22x45	20.3	SCCDPR2R7107QRH220045E	