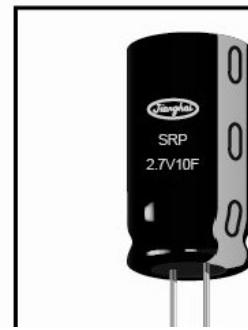


## ■ Features

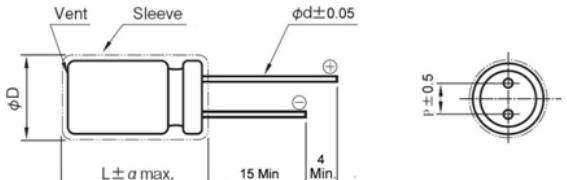
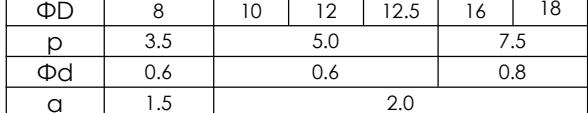
- Lower ESR
- Low temperature
- RoHS compliant
- Consumer electronic
- Pulse power
- Hold-up power



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

 	<table border="1"> <tr> <td>ΦD</td><td>8</td><td>10</td><td>12</td><td>12.5</td><td>16</td><td>18</td></tr> <tr> <td>p</td><td>3.5</td><td></td><td>5.0</td><td></td><td>7.5</td><td></td></tr> <tr> <td>Φd</td><td>0.6</td><td></td><td>0.6</td><td></td><td>0.8</td><td></td></tr> <tr> <td>a</td><td>1.5</td><td></td><td>2.0</td><td></td><td></td><td></td></tr> </table>	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			
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a	1.5		2.0																										

## Standard Ratings for SRP Series

U <sub>R</sub> (Surge Voltage) Code	Rated Cap. 25°C, 2.7 (2.85) 2R7	Impedance		Leakage Current (72hrs)	Size ΦDxL	Weight (g)	P/N
		ESR <sub>DC</sub>	ESR <sub>AC</sub> (1KHz)				
(v)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(g)	-
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	