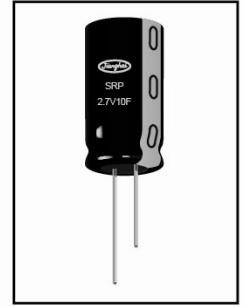
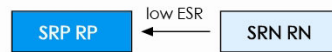


Features

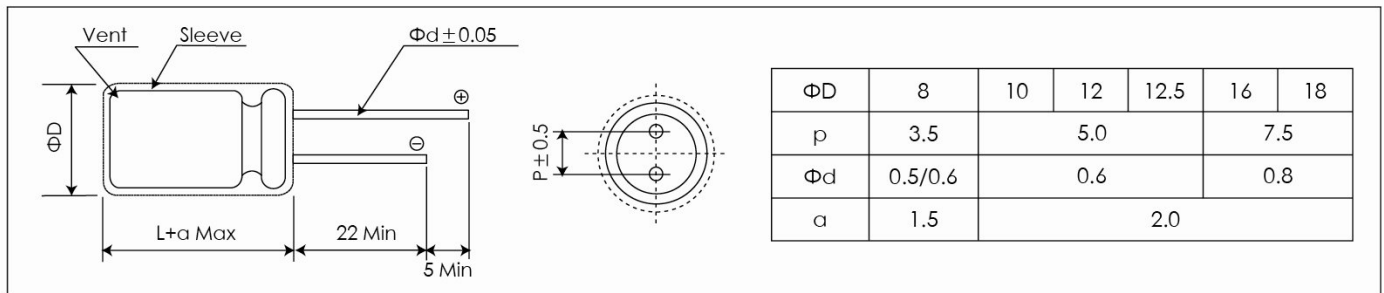
- Standard product
- Quick charge & discharge
- RoHS compliant
- Consumer electronic
- Portable power tools
- DC-DC converters



Items	Characteristics		
Rated Voltage	2.7V		
Operating Temperature Range	-25 ~ +70°C		
Surge Voltage	2.85V		
Capacitance Range	1 ~ 70F		
Capacitance Tolerance (20°C)	-20 ~ +20% / -10 ~ +30%		
Temperature Characteristics	The specifications shall be met at category temperature range from -25°C to 70°C	Capacitance range	Within 30% of the initial value
		ESR	Less than 400% of specified value
High Temperature Loaded	The specifications shall be met after rated voltage applied at 70°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 200% of specified value
High Temperature Storage	The specifications shall be met after storage at 70°C for 1000 hours	Capacitance range	Within 30% of the initial value
		ESR	Less than 200% of 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 200% of specified value

Dimensions

mm



Standard Ratings for SRP Series

U_r (Surge Voltage) Code	Rated Capacitance 25°C	Impedance		Max. Peak Current 1 Sec.	Leakage Current (72hrs)	Size ΦD × L	P/N
		ESR _{DC}	ESR _{AC} 1KHz				
(V)	(F)	(mΩ)	(mΩ)	(A)	(mA)	(mm)	-
2.7 (2.85) 2R7	1	500	300	0.90	0.008	8 × 13	SCRRP2R7105MRH080013E
	2	350	200	1.58	0.010	8 × 16	SCRRP2R7205MRH080016E
	3	300	160	2.13	0.012	8 × 20	SCRRP2R7305MRH080020E
	3.3	300	160	2.23	0.013	8 × 20	SCRRP2R7335MRH080020E
	3.3	250	150	2.44	0.014	10 × 20	SCRRP2R7505MRH100020E
	5	160	100	3.75	0.016	10 × 20	SCRRP2R7505MRH100020E
	7	120	85	5.13	0.020	10 × 25	SCRRP2R7705MRH100025E
	10	90	60	7.10	0.030	10 × 30	SCRRP2R7106MRH100030E
	10	90	60	7.10	0.030	12.5 × 25	SCRRP2R7106MRH125025E
	15	75	50	9.53	0.035	12.5 × 30	SCRRP2R7156MRH125030E
	20	50	35	13.5	0.050	16 × 25	SCRRP2R7206MRH160025E
	25	40	30	16.8	0.080	16 × 30	SCRRP2R7256MRH160030E
50	30	20	27.0	0.140	18 × 40	SCRRP2R7506MRH180040E	
70	25	15	34.4	0.160	18 × 45	SCRRP2R7706MRH180045E	