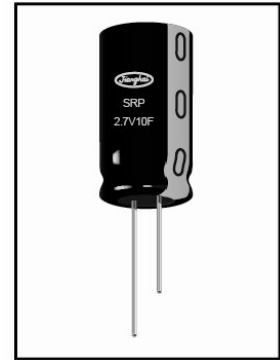
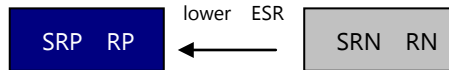


SRP RP SERIES



■ Features

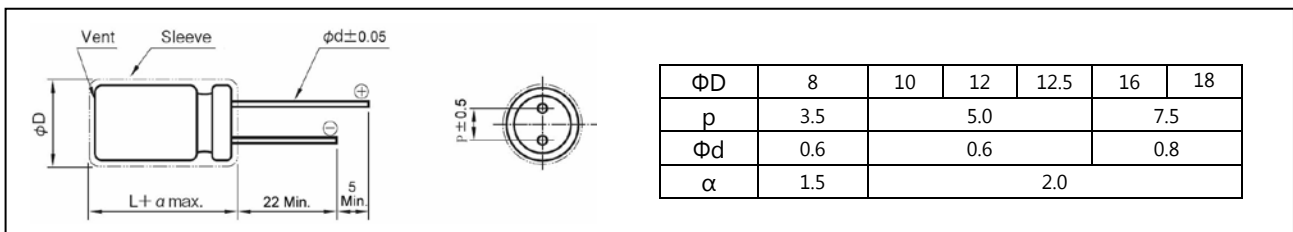
- Lower ESR ,
- Wider temperature range
- RoHS compliant
- Consumer electronic
- Pulse power
- Hold-up power



Items	Characteristics		
Rated Voltage	2.7V		
Operating Temperature Range	-40 ~ +65°C		
Surge Voltage	2.85V		
Capacitance Range	1~70 F		
Capacitance Tolerance (20°C)	-20~+20%/-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 20°C
		ESR	Less than 400% of the value at 20°C
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 400% of the initial 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 400% 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 $1/2V_R$	Capacitance range	Within 30% of the initial value
		ESR	Less than 400% of the initial value

Dimensions

mm



Standard Ratings for SRP Series

U _R (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Max. Peak Current 1 Sec. (A)	Leakage Current (72hrs) (mA)	Size Φ D x L (mm)	P/N
		ESR _{DC} (mΩ)	ESR _{AC} (1KHz) (mΩ)				
(v)	(F)	(mΩ)	(mΩ)	(A)	(mA)	(mm)	-
2.7 (2.85) 2R7	1	500	300	0.90	0.008	8 x 13	SCRRP2R7105□RH080013E
	2	350	200	1.58	0.010	8 x 16	SCRRP2R7205□RH080016E
	3	300	160	2.13	0.012	8 x 20	SCRRP2R7305□RH080020E
	3.3	250	150	2.44	0.014	10 x 20	SCRRP2R7335□RH100020E
	5	160	100	3.75	0.016	10 x 20	SCRRP2R7505□RH100020E
	7	120	85	5.13	0.020	10 x 25	SCRRP2R7705□RH100025E
	10	90	60	7.10	0.030	10 x 30	SCRRP2R7106□RH100030E
	10	90	60	7.10	0.030	12.5 x 25	SCRRP2R7106□RH125025E
	15	75	50	9.53	0.035	12.5 x 30	SCRRP2R7156□RH125030E
	20	50	35	13.5	0.050	16 x 25	SCRRP2R7206□RH160025E
	25	40	30	16.8	0.080	16 x 30	SCRRP2R7256□RH160030E
	50	30	20	27.0	0.140	18 x 40	SCRRP2R7506□RH180040E

SRP RP SERIES



	70	25	15	34.4	0.160	18 x 45	SCRRP2R7706□RH180045E
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