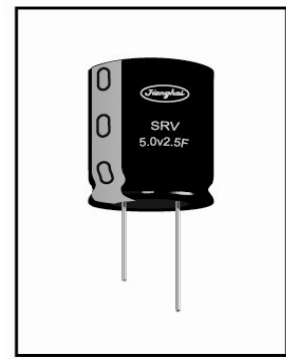
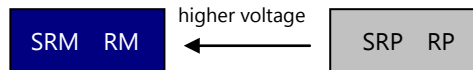


# SRM RM SERIES



## ■ Features

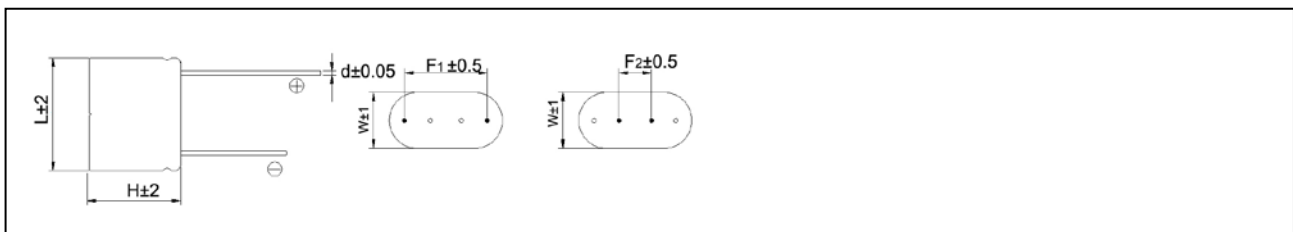
- Double cells in series
- Higher voltage
- RoHS compliant
- Consumer electronic
- AMR
- DC-DC converters



Items	Characteristics		
Rated Voltage	5.5V		
Operating Temperature Range	-40 ~ +65°C		
Surge Voltage	5.8V		
Capacitance Range	0.5~5 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 SRV Series

$U_R$ (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Leakage Current (72hrs) (mA)	Size WxLxH (mm)	F (mm)	d (mm)	P/N
		ESR <sub>DC</sub> (mΩ)	ESR <sub>AC</sub> (1KHz) (mΩ)					
(v)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(mm)	(mm)	-
5.5 (5.8) SR5	0.5	1000	600	0.008	8.5 x 17 x 15	12/5.0	0.6	SCRRM5R5504□RH081715E
	1	700	400	0.010	8.5 x 17 x 17	12/5.0	0.6	SCRRM5R5105□RH081717E
	1.5	600	320	0.012	8.5 x 17 x 23	12/5.0	0.6	SCRRM5R5155□RH081723E
	2.5	320	200	0.016	11 x 21 x 23	15.5/5.5	0.6	SCRRM5R5255□RH112123E
	3.5	240	160	0.02	11 x 21 x 27	15.5/5.5	0.6	SCRRM5R5355□RH112127E
5	180	120	0.03	13 x 26 x 27	18/8.0	0.6	SCRRM5R5505□RH132627E	