

### Features

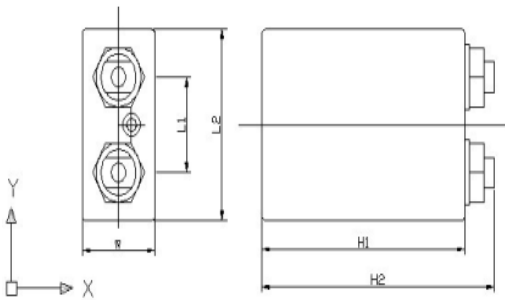
- High power performance
- Low ESR
- Screw terminal

### Applications

- Pitching control system of Wind Turbine Generator
- EV/HEV, Hybrid drive trains
- Mass transportation braking energy recovery system
- UPS/DVC
- Heavy duty machinery
- Locomotive engine startup system
- Military



### Dimension



Dimension(mm)					
Capacitance	L1	L2	W	H1	H2
300F	25	50	25	70	80
400F	25	50	25	70	80
650F	25	50	25	100	110
1200F	27	60	56	82	90
1500F	27	60	56	95	103
2000F	27	60	56	117	125
2400F	27	60	56	160	168
3000F	27	60	56	160	168
7000F	27	80	80	160	168

### Specifications

Capacitance	Part Number	Maximum ESR (mΩ)		Rated Current (A) @25°C	Max. Current (A) @25°C	Leakage Current (mA) 72 Hrs @ 25°C	Stored Energy (Wh)	Specific Energy (Wh/Kg)	Typical Mass (g)
		AC @ 1kHz	DC						
300F	SPP0300C0-0002R7SHZ	0.60	0.70	40	334	0.45	0.30	2.14	140
400F	SPP0400C0-0002R7SHZ	0.60	0.70	50	421	0.45	0.41	2.93	140
650F	SPP0650C0-0002R7SHZ	0.50	0.60	50	631	1.00	0.66	3.47	190
1200F	SPP1200C0-0002R7SHZ	0.40	0.45	90	1051	1.80	1.22	4.07	300
1500F	SPP1500C0-0002R7SHZ	0.30	0.35	115	1327	3.00	1.52	4.34	350
2000F	SPP2000C0-0002R7SHZ	0.20	0.25	150	1800	4.00	2.03	4.61	440
2400F	SPP2400C0-0002R7SHZ	0.20	0.25	180	2025	3.00	2.43	3.47	700
3000F	SPP3000C0-0002R7SHZ	0.15	0.20	225	2531	5.00	3.04	4.34	700
7000F	SPP7000C0-0002R7SHZ	0.13	0.15	525	4609	8.00	7.09	5.45	1300

Working Voltage	2.7 VDC
Surge Voltage	2.85 VDC
Capacitance Tolerance	-10% to +20% (25°C)
Operating Temperature Range	-40°C to 65°C, ΔC<5%, ΔESR<50% of initial measured value @ 25°C
Storage Temperature Range	-40°C to 70°C
Life Time	10 years, ΔC<30%, ΔESR<150% of specified value, LC< specified value @ 25°C
Cycle Life( 25°C)	1,000,000 cycles, Cycled between rated voltage and 1/2 rated voltage under constant current @ 25°C

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