

FEATURES

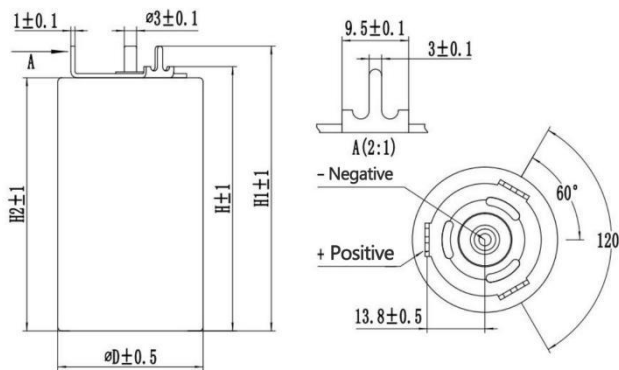
- High energy, high power series
- The monomer of this product is based on the principle of a double layer capacitor, with activated carbon as the positive and negative electrodes internally. The two electrodes are separated by an electrolyte and a diaphragm, and aluminum.
- The cover plate and sealing ring are sealed, and the outlet is on the same side of the product.



SPECIFICATIONS

Rated voltage V_R	2.7V	3.0V
Surge voltage	2.85V	3.15V
Capacity range	300F, 350F, 400F, 500F, 720F	1000F
Operating temperature range	-40~ +70°C	-40~ +65°C
Product life	Normal temperature cycle life: 25°C, 1 million cycles between V_R and $1/2V_R$, Capacity attenuation $\leq 30\%$, ESR change ≤ 4 times.	
	High temperature endurance life: Maximum temperature retention V_R , 1000 hours. Capacity attenuation $\leq 30\%$, ESR change ≤ 4 times.	

DRAWING (mm)



STANDARD RATINGS

PN	Capacity (F)	ESR $m\Omega$		Product Size (mm)	
		DC	AC 1kHz	Diameter	Height
Rated voltage: 2.7V					
HP-2R7-J307UDJ32	300F	1.9	1.0	35	54.3
HP-2R7-J357UDJ33	350F	1.4	0.7	35	62.0
HP-2R7-J407UDJ33	400F	1.4	0.7	35	62.0
HP-2R7-J507UDJ45	500F	1.3	0.65	35	67.0
HP-2R7-J727UDJ99	720F	1.1	0.6	35	102.1
Rated voltage: 3.0V					
HP-3R0-J108UDJ006	1000F	1.1	0.55	35	113.1



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PN Structure

WUE	3R0	105	M	01000200	050	000	S	B
Series	Rated Voltage 1.	Capacitance 2.	Capacitance Tolerance 3.	Dimension 4.	Pitch/Pins 5.	Lead Length 6.	Terminal Options 7.	Packing 8.

1. Rated Voltage

Code	2R7	3R0
Voltage	2.7V	3.0V

2. Capacitance

Code	104	105	106	107	108
Capacitance (F)	0.1	1.0	10	100	1000

3. Capacitance Tolerance

Code	M	V	F
Tolerance	±20%	-10%~+20%	%~+30%

4. Dimension

Code	00500120	00630125	01000200	01250210	01600260	05101080
Dimension (mm)	5x12	6.3x12.5	10x20	12.5x21	16x26	51x108

5. Pitch/Pins/Screw

Code	016	020	025	035	050	075	100	127	218	282	4PS	000
Pitch (mm)	1.6	2.0	2.5	3.5	5.0	7.5	10.0	12.7	21.8	28.2	4pins	Screw

6. Lead Length

Code	000	040	045	050
Lead Length (mm)	Standard	4.0	4.5	5.0

7. Terminal Options

Code	R	S	W
Terminal Options	Radial	Snap-in	Screw

8. Packing

Code	A	B
Packing	Ammo	Bulk

