

Coin Type Super Capacitor – JGA

FEATURES

- Standard coin-type
- Small-sized, large capacity

APPLICATIONS

- RAM, Detonator, car recorder, smart meter, vacuum switch, digital camera, motor drive, clock circuit, UPS, toy, program-controlled switch, etc

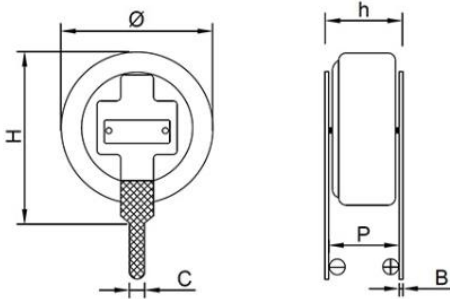


SPECIFICATIONS

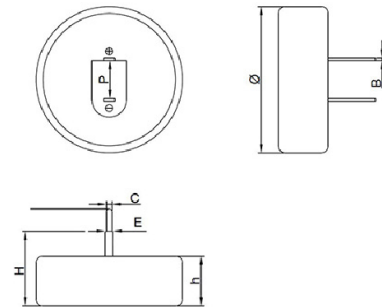
Items	Performance Characteristics
Series name	JGA Series
Rated voltage V_R	5.5V
Surge voltage	5.8V
Capacity range	0.1F~1.5F
Operating temperature range	-25~ +70°C
Product life	Normal temperature cycle life: 25°C, 500,000 cycles between V_R and $1/2V_R$, Capacity attenuation $\leq 30\%$, ESR change ≤ 4 times.
	High temperature endurance life: 70°C, maintain V_R , 1000 hours. Capacity attenuation $\leq 30\%$, ESR change ≤ 4 times.

DIMENSIONS (mm)

V Type

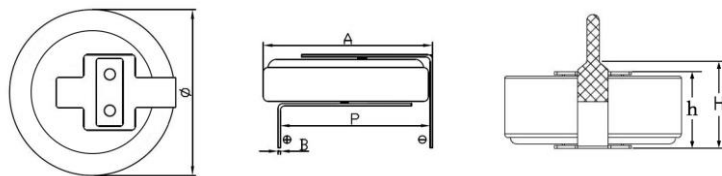


C Type

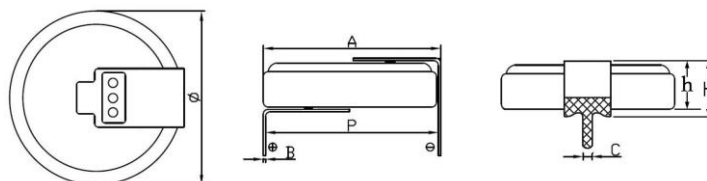


H Type

0.1F~0.47F



1.0F~1.5F



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STANDARD RATINGS

Model	Terminal shaped	Capacity F	ESR Ω		Product size (+/-0.5mm)							
			DC	AC 1kHz	Φ	H	h	P	A	E	B	C
JGAC5R5D104□050T	C	0.1	100	50	13.0	9.9	7.0	5.0	--	1.2	0.5	0.8
JGAH5R5D104□100T	H	0.1	100	50	11.5	5.49	4.5	10.0	12.0	--	0.2	0.8
JGAV5R5D104□050T	V	0.1	100	50	11.5	13.15	5.0	5.0	--	--	0.2	0.8
JGAC5R5D224□050T	C	0.22	80	40	13.0	9.9	7.0	5.0	--	1.2	0.5	0.8
JGAH5R5D224□100T	H	0.22	80	40	11.5	5.49	5.0	10.0	12.0	--	0.2	0.8
JGAV5R5D224□050T	V	0.22	80	50	11.5	13.15	5.0	5.0	--	--	0.2	0.8
JGAC5R5D334□050T	C	0.33	80	40	13.0	9.9	7.0	5.0	--	1.2	0.5	0.8
JGAH5R5D334□100T	H	0.33	80	40	11.5	5.49	5.0	10.0	12.0	--	0.2	0.8
JGAV5R5D334□050T	V	0.33	80	40	11.5	13.15	5.0	5.0	--	--	0.2	0.8
JGAC5R5D474□050T	C	0.47	80	40	20.5	9.9	7.0	5.0	--	1.2	0.5	0.8
JGAH5R5D474□100T	H	0.47	80	40	11.5	5.49	5.0	10.0	12.0	--	0.2	0.8
JGAV5R5D474□050T	V	0.47	80	40	11.5	13.15	5.0	5.0	--	--	0.2	0.8
JGAC5R5D105□050T	C	1	30	15	20.5	9.9	7.0	5.0	--	1.2	0.5	0.8
JGAH5R5D105□190T	H	1	30	15	19.0	5.62	5.0	19.0	19.5	--	0.2	1.0
JGAV5R5D105□045T	V	1	30	15	19.0	19.31	5.0	4.5	--	--	0.2	1.0
JGAC5R5D155□050T	C	1.5	20	10	20.5	9.9	7.0	5.0	--	1.2	0.5	0.8
JGAH5R5D155□190T	H	1.5	20	10	19.0	5.62	5.0	19.0	19.5	--	0.2	1.0
JGAV5R5D155□045T	V	1.5	20	10	19.0	19.31	5.0	4.5	--	--	0.2	1.0

Note: □ Stands for capacity tolerance M: $\pm 20\%$; V: $+20\%-10\%$; F: $+30\%-0\%$; Z: $-20\%\sim+80\%$

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