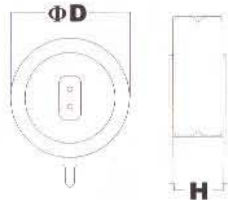




SHENZHEN TOPMAY ELECTRONIC CO.,LTD

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Coin Super Capacitor



V型



H型



Features

- Capacitance in farad level
- High discharge current up to **1000C**, low ESR
- Long life time of more than **100,000**times
- **RoHS** compliant

Usage

- Power or back-up power for Video, Audio, CMOS, RAM, VCR, Camera, Printer, Hand-set Scanner, Telephone, Computer, LED, Relay, Consumption Electronics, Wireless Communications, Buzzer, Toys

Specifications

Performance	Cell Type	2.7V Series	5.5V Series
Rated voltage		2.7V	5.5V
Surge voltage		3.0V	6.0V
Rated capacitance		0.2F-8F	0.1F-4F
Capacitance tolerance		-20%~+80% (at 25°C)	
Operation temperature		-25 ~ 70°C	
Temperature characteristics		From -25°C to +70°C, $ \Delta C \leq 30\%$ and $ESR \leq 4$ times of initially measured values	
Moisture-proof characteristics		After fully charged, storage 500 hours at 55°C and 90-95%RH, $ \Delta C \leq 30\%$ and $ESR \leq 4$ times of initially measured values	
Load life test		After 1,000 hours application under rated voltage DC at 70°C, $ \Delta C \leq 30\%$ of the initial value and $ESR \leq 4$ times of initially measured values	
Cycle life		Charge-discharge for 100,000 cycles at rated voltage and 25°C, $ \Delta C \leq 30\%$ and $ESR \leq 4$ times of initially measured value	

Rated voltage	Rated capacitance	ESR @1KHz(Ω)	Size (ΦD*H) (mm)	Solder type	Rated voltage	Rated capacitance	ESR @1KHz(Ω)	Size (ΦD*H) (mm)	Solder type
2.7V	0.3F	≤70	7.1*2.5	V	5.5V	0.15F	≤150	7.1*5.0	V
2.7V	0.5F	≤30	9.7*2.5	V,H	5.5V	0.22F	≤70	9.7*4.6	V,H
2.7V	0.7F	≤30	9.7*2.7	V,H	5.5V	0.33F	≤60	9.7*6.0	V,H
2.7V	1.0F	≤25	12.8*2.4	V,H	5.5V	0.47F	≤45	12.8*4.3	V,H
2.7V	1.6F	≤15	16.4*2.4	V,H	5.5V	0.8F	≤40	16.3*4.8	C,V,H
2.7V	2.0F	≤15	19.0*2.4	V,H	5.5V	1.0F	≤35	19.0*5	C,V,H
2.7V	3.0F	≤10	20.3*2.0	V,H	5.5V	1.5F	≤24	20.3*3.9	V,H
2.7V	6.0F	≤6	20.3*3.3	V,H	5.5V	3.0F	≤15	20.3*6.9	V,H
2.7V	8.0F	≤5	24.8*3.5	V,H	5.5V	4.0F	≤15	24.8*6.7	V,H

Remarks: 1.OEM/ODM is acceptable

2.Data above is only for reference, read specs for more details