

常规型超级电容器模组

■ 特性表 Specifications

项目 Item	主要特性 Performance Characteristics	备注 Notes
标称容量范围 Nominal Capacitance Range	0.22~25F	IEC62391-1-2015
容量允许偏差 Capacitance Tolerance	±20%/-10%~+30%/-20%~+80%	@25°C
额定电压 Rated Voltage	5.5/6.0V	DC
浪涌电压 Surge Voltage	5.7/6.3V	DC
工作温度范围 Operating Temperature Range	-40°C~+70°C	
循环寿命 Cycle Life	≥500,000 次 Cycles	@25°C



● 产品规定值及尺寸

Specifications and Outline Dimensions of Product

型号 Part Number	额定电压 U_R (V)	额定容量 Rated Cap. (F)	最大等效内阻 Max ESR DC (mΩ)	漏电流 Leakage Current (72h, mA)	最大电流 Max Current (<1s, A)	产品尺寸 Size / mm L×W×H
FH5R5Z224T-N0612PA	5.5	0.22	1200	0.006	0.48	13×6.3×13
FH5R5Z474M-N0612PA	5.5	0.47	500	0.010	1.05	13×6.3×13
FH5R5Z474X-N0813PA	5.5	0.47	600	0.010	1.01	17×8×14
FH5R5Z105T-N0820PA	5.5	1.0	400	0.013	1.96	17×8×21
FH5R5Z155M-N0820PA	5.5	1.5	240	0.015	3.03	17×8×21
FH5R5Z255M-N0824PA	5.5	2.5	160	0.016	4.91	17×8×25
FH5R5Z355M-N1020PA	5.5	3.5	150	0.028	6.31	21×10×21
FH5R5Z505M-N1025PA	5.5	5.0	120	0.030	8.59	21×10×26
FH5R5Z505M-N1225PA	5.5	5.0	120	0.030	8.59	25×12.5×21
FH5R5Z156M-N1630PA	5.5	15	100	0.078	16.50	32×16×32
FH5R5Z256M-N1842PA	5.5	25	40	0.096	34.38	36×18×43
FH6R0Z504M-N0612PA	6.0	0.5	1200	0.010	0.94	13×6.3×13
FH6R0Z105M-N0820PA	6.0	1.0	500	0.013	2.00	17×8×21
FH6R0Z505M-N1025PA	6.0	5.0	150	0.032	8.57	21×10×26

● 产品外形图及尺寸 Products Outline and Dimensions (mm)

A-Type

B-Type

脚间距 PIN/ (mm)

W	A-Type	B-Type
6.3	9.0	4.0
8	12	5.0
10	15.5	5.5
12.5	18	8.0
16	24	9.0
18	26	11