

1s1p Soft Pack Li-ion Battery



Specifications

Model : 7019S11C335A

Cell : NCR18650BF (Panasonic)

Spec. : 3.6V 3200mAh 12Wh (Rated)

Discharge : cont.3A / peak. 6A/16ms

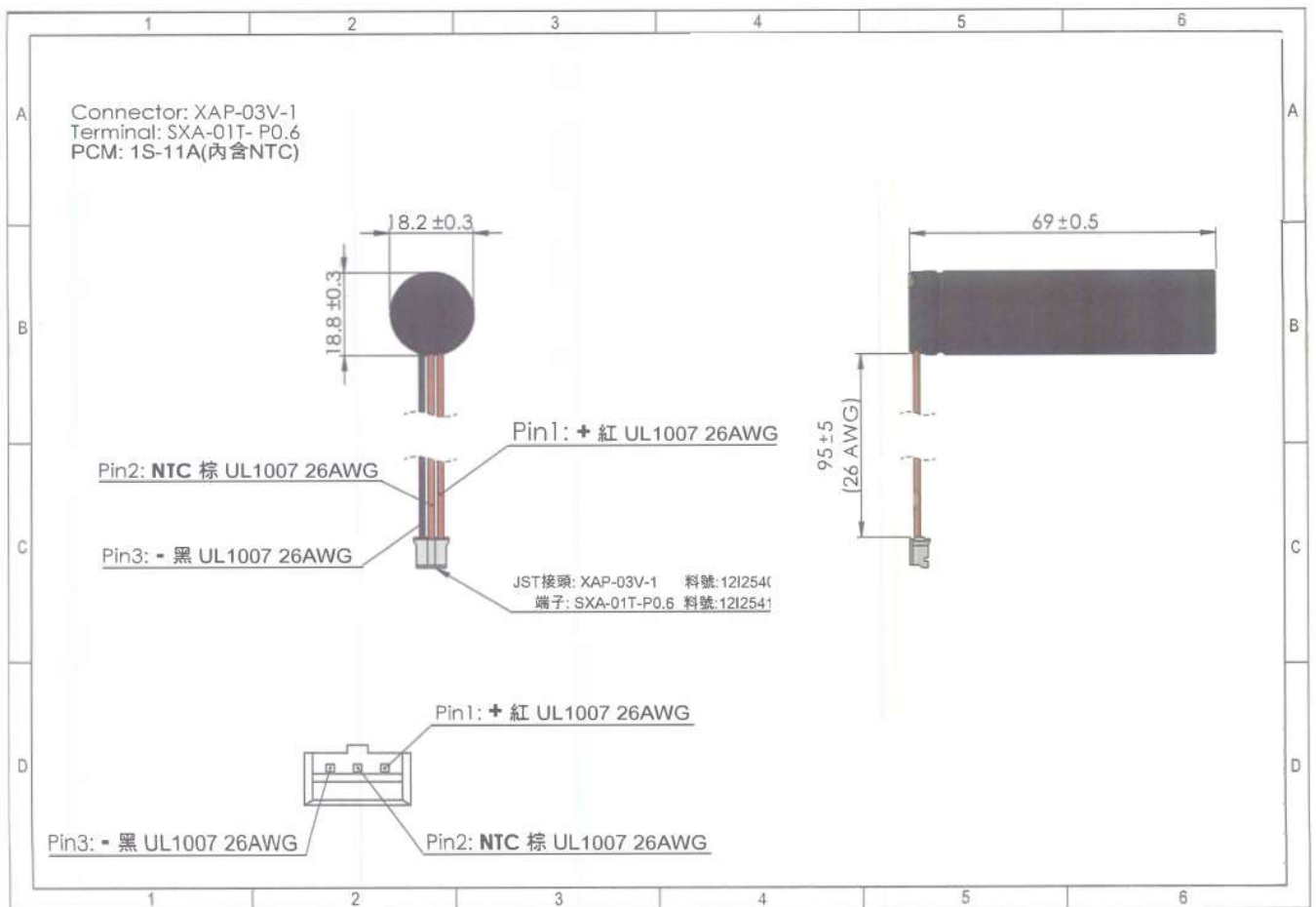
Size : Φ 18.5 x 69mm 49g

Specifications

Item	Descriptions	Specification	Remark
1	Model Number	7019S11C335A	
2	Cell	NCR18650BF	Panasonic
2.1	Cell Nominal Voltage	3.6V	
2.2	Cell Rated Capacity	3200mAh	
2.3	Cell Watt-Hour	12Wh	Cell UN report.
3	Pack Configuration	1S1P	
3.1	Pack Nominal Voltage	3.6V	
3.2	Pack Rated Capacity	3200mAh	
3.3	Pack Rated Watt-Hour	12Wh	12Wh*1pcs
4	PCM	1S-	
5	Use of Battery Pack		
5.1	Maximum Charging Voltage	4.2V	Recommend: ≤ 4.15V (Protect: 4.2 ± 0.025V)
5.2	Discharging Recommended minimum voltage	3V	
5.3	Discharging End Voltage	2.7V	
6.1	Pack Usable Capacity	3150mAh	From testing data
6.2	Pack Usable Watt-Hour	11.34Wh	
7.1	Maximum Charging Current	1.625A	
7.2	Maximum Charging Current	1.625A (10~45°C) 0.813A(0~10°C)	
7.3	Charging cut-off Current	149mA	From testing data
8	Continuous Discharge Current	3A	
9	Maximum Instant Discharging Current	6A/12mS	Recommend: <5.3A (Protect: 6.0 ± 0.7A)
10	Pack Internal Resistance	Within 150mΩ	
11	Internal Current Consumption	Idle mode	Within 10uA
		Sleep mode	NA
12	Output Connector	JST XAP-03V-1	
		Pin	Definition
		1	P+
		2	NTC
		3	P-
			NTC: 10KΩ ± 1% 3435K ± 1%
13	Communication Interface	N/A	
14	Dimension	ψ18.5mm*69mm	
15	Weight	49g±3g	

Item	Descriptions	Specification	Remark
16	Operating Environment	Charge 0°C~+45°C Discharge -20°C~+60°C	
17	Storage Conditions	Less than 1 month	-20~+50°C
		Less than 3 months	-20~+40°C
		Less than 1 year	-20~+20°C
18	Certifications	UN38.3 / (PSE ready)	(要：機器 落下試験)

Drawing



本製品は、お客様の機器への組み込み用です。
充電回路は、お客様機器側でご用意願います。