

Model: Power-Xtra - 1S - 3.7V 1.5A Li-ion BMS - with Nickel Strip - 35mm

Stock Code: 900.600.501.207

TECHICAL INFORMATIONS

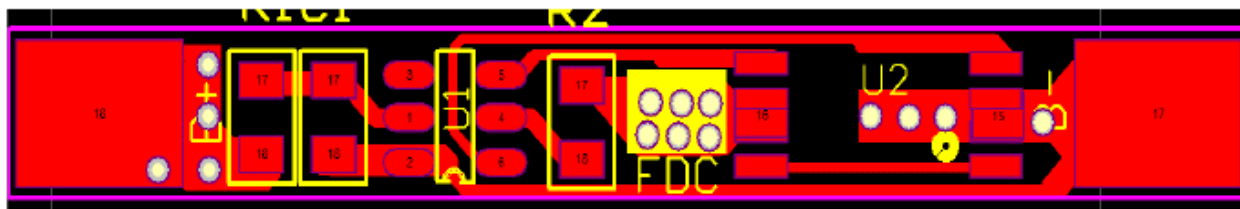
Item No	Specs / Details		Criteria / Parameters
1	Model	1S - 3.7V 1.5A Li-ion BMS	1S-1.5A working current
2	Voltage	Charging voltage	4.2V
3	Current	Maximal continuous charging current	1.5A
		Maximal continuous discharging current	1.5A
		Current consumption	2.0-6.0uA
4	Overcharge Protection	Over charge detection voltage	4.28±0.05V
		Over charge detection delay time	160ms (MAX)
		Over charge release voltage	4.08±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.4V±0.1V
		Over discharge detection delay time	80ms (MAX)
		Over discharge release voltage	3.0V±0.1V
6	Over Current Protection	Over current detection voltage	150±30mV
		Over current protection current	3.0A-3.5A
		Detection delay time	10ms (MAX)
		Protection release conditions	disconnect the load
7	Short Circuit Protection	Protection conditions	External circuit short circuit
		Protection release conditions	600μs (MAX)
		Protection release conditions	open short circuit
8	Balance	Balance voltage for single cell	-
		Balance current for single cell	-
9	Resistance	Inner resistance	RDS≤60mΩ
10	Temperature	Operating temperature range	-40 ~ +65°C
		Storage temperature range	-40~ +125°C
11	Dimension	Length	30.0 mm
		Width	3.5 mm
		Thickness	0.8 mm

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IMAGE / TECHNICAL DRAWING

Top:



Bottom:

