

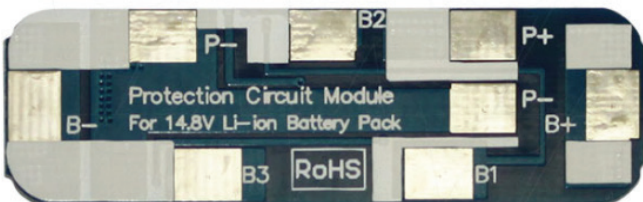
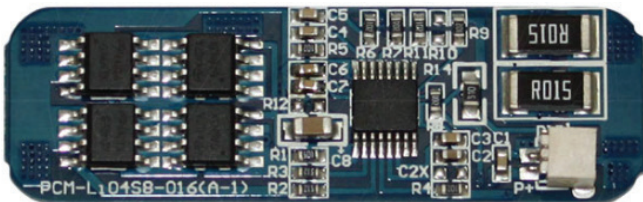


PCM for 14.4/14.8V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low Current consumption for single cell	Max50μA
		Maximal continuous Discharging current	7A
3	Over Charge Protection	Over charge detection voltage	4.35V±0.025V
		Over charge detection delay time	0.5S - 2.0S
		Over charge release voltage	4.15V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.40V±0.08V
		Over discharge detection delay time	10 - 1000ms
		Over discharge release voltage	3.0±0.1V
5	Over Current Protection	Over current detection voltage	0.06~0.6V
		Over current detection current	8±1A
		Detection delay time	5ms - 20ms
		Release condition	Cut load, Auto release
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	100 - 200s
		Release condition	Charge up
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 50.0mm x W 16.0mm x T 4.0mm	

LAYOUT DIAGRAM



CONNECTION DIAGRAM

