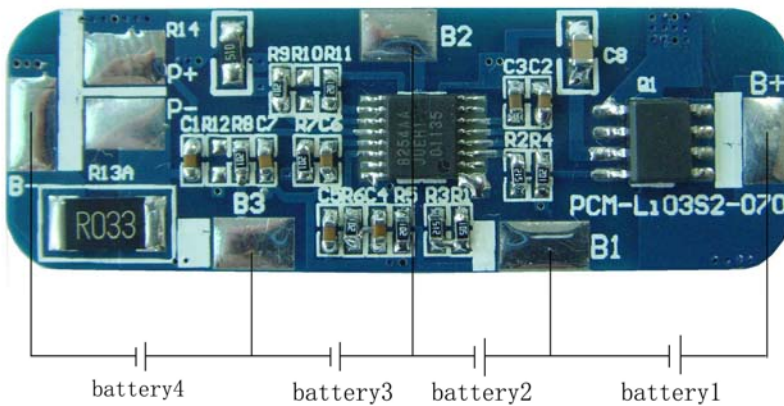


Protection Circuit Module

For 14.8V Li-ion/Li-polymer Battery Pack

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	≤50μA
		Maximal continuous discharging current	2A
3	Overcharge Protection	Over charge detection voltage	4.35 V±0.025V
		Over charge detection delay time	0.5S~1.5S
		Over charge release voltage	4.15±0.05V
4	Over-discharge Protection	Over discharge detection voltage	2.40±0.08V
		Over discharge detection delay time	50~150ms
		Over discharge release voltage	3.0±0.10V
5	Over Current Protection	Over current detection voltage	2.9±0.05V
		Over current detection current	5±1A(adjustable)
		Detection delay time	5ms~15ms
		Release condition	Automatic Recovery
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry	≤80mΩ
8	Temperature	Operating temperature range	-40~+85℃
		Storage temperature range	-40~+125℃
9	Size		L50*W16*T4mm

P+ = Charge+/Discharge+ P- = Charge-/Discharge-



Remarks:

* Characteristics subject to change without notice.