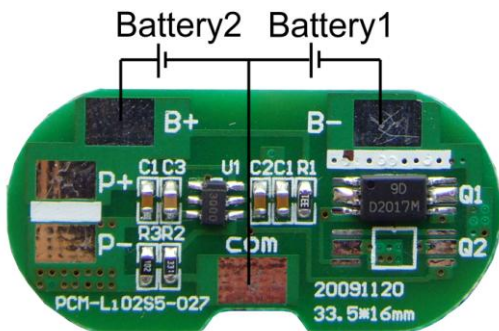




Protection Circuit Module

For 7.4V Li-polymer Battery Pack

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:8.4V CC/CV (4.2V/S)
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	$\leq 20\mu\text{A}$
		Maximal continuous discharging current	5A
3	Overcharge Protection	Over charge detection voltage	$4.25\text{V}\pm 0.05\text{V}$
		Over charge detection delay time	0.5~2S
		Over charge release voltage	$4.05\pm 0.1\text{V}$
4	Over-discharge Protection	Over discharge detection voltage	$2.40\text{V}\pm 0.1\text{V}$
		Over discharge detection delay time	10~200mS
		Over discharge release voltage	$3.0\pm 0.1\text{V}$
5	Over Current Protection	Over current detection voltage	$200\pm 30\text{mv}$
		Over current detection current	$12\pm 2\text{A}$
		Detection delay time	5ms~60ms
		Release condition	Cut load
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load
7	Resistance	Protection circuitry	$\leq 50\text{m}\Omega$
8	Temperature	Operating temperature range	$-40\sim +85^{\circ}\text{C}$
		Storage temperature range	$-40\sim +125^{\circ}\text{C}$
9	Size		L33.5*W16*T5 mm



Remarks:

P+=Charge+/Discharge+
 P- =Charge-/Discharge-
 SIZE:L33.5*W16*T3mm

* Characteristics subject to change without notice.