

Protection Circuit Module

For 7.4V Li-ion/Li-polymer Battery Pack

PCM-Li02S3-060(2S)

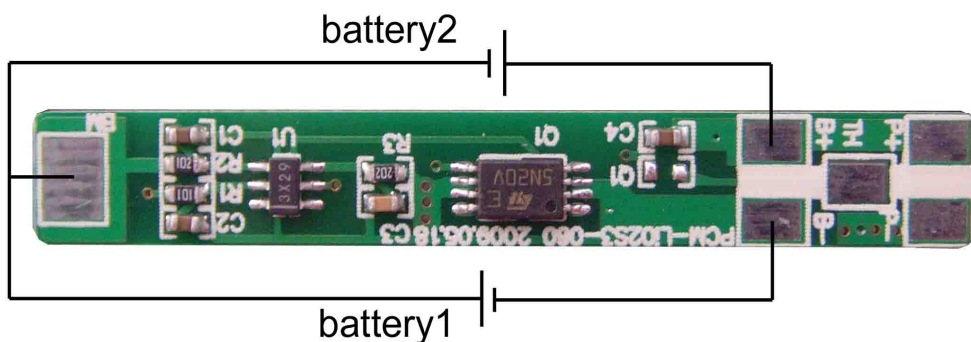
No.	Test item		Criterion
1	Voltage	Charging voltage	DC:8.4V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	Max:20 μ A
		Maximal continuous discharging current	2.5A
3	Overcharge Protection	Over charge detection voltage	4.25V \pm 0.025V
		Over charge detection delay time	0.96S~1.4S
		Over charge release voltage	4.05 \pm 0.05V
4	Over-discharge Protection	Over discharge detection voltage	2.40V \pm 0.062V
		Over discharge detection delay time	115~173mS
		Over discharge release voltage	3.0 \pm 0.1V
5	Over Current Protection	Over current detection voltage	0.2 \pm 0.015V
		Over current detection current	6.5 \pm 1A
		Detection delay time	6.7ms~13.9ms
		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	\leq 60m Ω
8	Temperature	Operating temperature range	-40~+85 $^{\circ}$ C
		Storage temperature range	-40~+125 $^{\circ}$ C
9	Size		L50*7mm

P+=Charge+/Discharge+

P- =Charge-/Discharge-

Size:L50*W7mm

marks:



* Characteristics subject to change without notice.