



PCM for 3.6/3.7V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:4.20V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low Current consumption for single cell	≤10μA
		Maximal continuous Discharging current	2A
3	Over Charge Protection	Over charge detection voltage	4.30V±0.05V
		Over charge detection delay time	80mS—200mS
		Over charge release voltage	4.10V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.40V±0.1V
		Over discharge detection delay time	40—100ms
		Over discharge release voltage	3.0±0.1V
5	Over Current Protection	Over current detection voltage	0.15±0.03V
		Over current detection current	3.0±0.5A
		Detection delay time	10ms—20ms
		Release condition	Charge up
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Charge up
7	Resistance	Protection circuitry	≤70mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	D 14mm x T 2.0mm	

LAYOUT DIAGRAM

CONNECTION DIAGRAM

