



PCM for 3.6/3.7V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion
1	Voltage	Charging voltage
		DC:4.20V CC/CV
2	Current	Balance voltage for single cell
		N/A
		Balance current for single cell
		N/A
3	Over Charge Protection	Low Current consumption for single cell
		$\leq 10\mu\text{A}$
		Maximal continuous Discharging current
		6A
4	Over Discharge Protection	Over charge detection voltage
		$4.30\text{V} \pm 0.05\text{V}$
		Over charge detection delay time
5	Over Current Protection	80mS—200mS
		Over charge release voltage
		$4.10\text{V} \pm 0.05\text{V}$
		Over discharge detection voltage
6	Short Protection	$2.40\text{V} \pm 0.1\text{V}$
		Over discharge detection delay time
		40—100ms
7	Resistance	Over discharge release voltage
		$3.0 \pm 0.1\text{V}$
		Over current detection voltage
		$0.15 \pm 0.03\text{V}$
8	Temperature	Over current detection current
		$8.0 \pm 1.0\text{A}$
		Detection delay time
9	Dimensions	7.2ms—11ms
		Release condition
		Charge up
10	Short Protection	Detection condition
		Exterior short circuit
		Detection delay time
11	Resistance	200-500us
		Release condition
		Charge up
12	Temperature	Protection circuitry
		$\leq 40\text{m}\Omega$
		Operating Temperature Range
13	Dimensions	$-40 \sim +85^\circ\text{C}$
		Storage Temperature Range
		$-40 \sim +125^\circ\text{C}$

LAYOUT DIAGRAM



CONNECTION DIAGRAM

