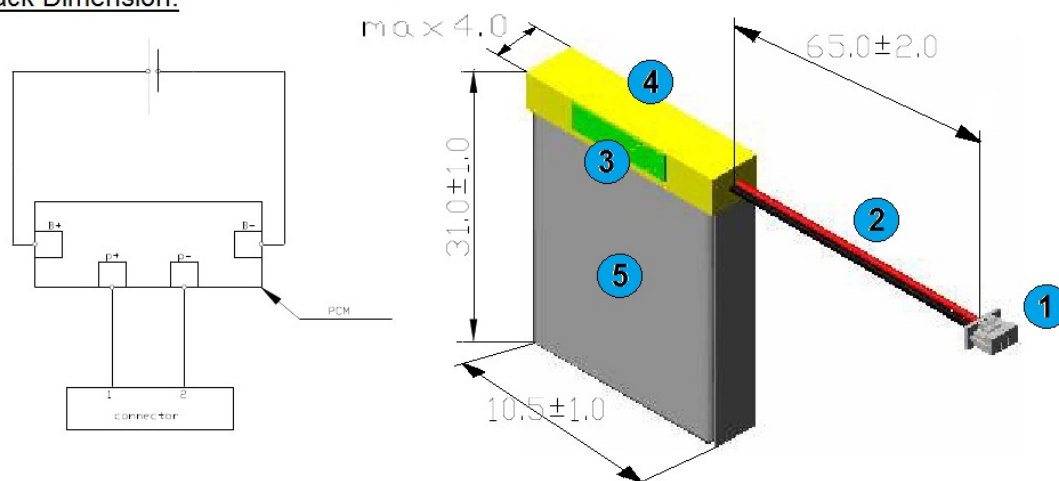


Battery Pack Performance:

Item	Specification	Remark
Typical Capacity	60mAh	0.2C discharge
Minimum Capacity	55mAh	0.2C discharge
Nominal Voltage	3.7V	
Discharge Protection Voltage	$2.3 \pm 0.05V$	
Standard Charging Current	12mA	Ambient temperature 0~+40℃
Standard Charging Current (Max.)	60mA	Ambient temperature 0~+40℃
Charge Protection Voltage	$4.275 \pm 0.025V$	
Charging Time (Std.)	6~7.0 hours	
Charging Time (Max.)	2~3.0 hours	
Standard Discharging Current	12mA	Ambient temperature -20~+60℃
Suggested Continuous Discharging Current(Max.)	60mA	Ambient temperature -20~+60℃
Suggested Peak Discharging Current (Max.)	2000 mA	Ambient temperature -20~+60℃
Soft Pack Internal Resistance (25℃)	$430 \pm 120m\Omega$	AC Impedance 1KHz
Soft pack Weight	$2 \pm 0.6g$	
Temperature range for storage	less than 1 month	-20~+60℃
	less than 3 month	-20~+40℃
	less than 1 year	-20~+20℃
		Percentage of recoverable capacity 80%

Battery Pack Dimension:



	Item	Model	Specification	Remarks
①	Connector	Molex51021-2P (JS-1146-02)	PIN1;Red(+): PIN2;Black(-)	1PCS
②	Wire	1571AWG#30	Outer Diameter:0.7±0.1mm	2PCS
③	PCM		Over Voltage Protect: $4.275 \pm 0.025V$ Over Discharge Protect: $2.3 \pm 0.05V$	1PCS
④	Tape	Kapton	See figure	
⑤	Cell	IE-301030 0,06Ah	60mAh	1PCS

PCM Electrical Characteristic:

Item	Symbol	Content	Criterion
Over charge Protection	V_{DET1}	Over charge detection voltage	$4.275 \pm 0.025V$
	tV_{DET1}	Over charge detection delay time	$0.96 \sim 1.4S$
	V_{REL1}	Over charge release voltage	$4.175 \pm 0.025V$
Over discharge protection	V_{DET2}	Over discharge detection voltage	$2.3 \pm 0.05V$
	tV_{DET2}	Over discharge detection delay time	$144 \pm 29mS$
		Over discharge release voltage	$2.4 \pm 0.05V$
Over current protection	I_{DP}	Over current detection current	$2.0 \sim 4.0A$
	tV_{DET3}	Detection delay time	$6.0 \sim 18mS$
		Release condition	Cut load
		Maximum continuous current	$\leq 1.5A$
Short protection		Detection condition	Exterior short circuit
	T_{SHORT}	Detection delay time	$\leq 700\mu S$
		Release condition	Cut short circuit
Interior resistance	R_{SS}	Main loop electrify resistance	$V_c = 4.2V ; R_{SS} \leq 65m\Omega$
Current consumption	I_{DD}	Current consume in normal operation	$6.0 \mu A$ Max