

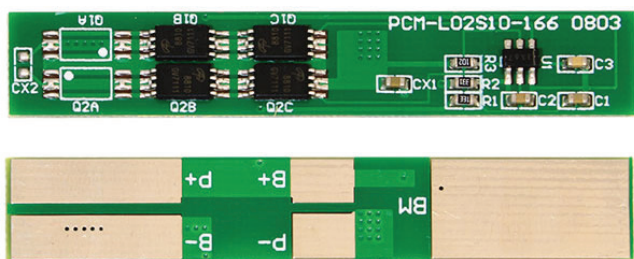


PCM for 7.2/7.4V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:8.40V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low Current consumption for single cell	Max 20 μ A
		Maximal continuous Discharging current	10A
3	Over Charge Protection	Over charge detection voltage	4.26V \pm 0.025V
		Over charge detection delay time	0.7S—1.3S
		Over charge release voltage	4.05V \pm 0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.40V \pm 0.08V
		Over discharge detection delay time	89—167ms
		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	20 \pm 2.0A
		Detection delay time	8ms—16ms
		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	\leq 30m Ω
8	Temperature	Operating Temperature Range	-40~+85 $^{\circ}$ C
		Storage Temperature Range	-40~+125 $^{\circ}$ C
9	Dimensions	L 48.5mm x W 8.0mm x T 3.0mm	

IMAGE



CONNECTION DIAGRAM

