

PCM-L05S06-338 - 4S Lilon

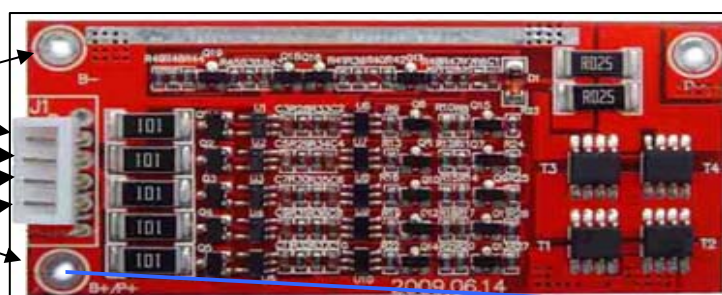
Protection Circuit Module Specifications For 14.8V Li-ion/Li-polymer Battery Pack

Model:PCM-L05S06-338 (4S)

No	Test item	Criterion	
		Li-ion/Li-polymer	
1	Voltage	Charging voltage	DC:16.8V CC/CV (4.2V/cell)
		Balance voltage for single cell	4.2V±0.025V
2	Current	Balance current for single cell	42±5mA;
		Current consumption for single cell	≤20μA
		Max. continuous charging current	7A
		Max. cont. discharging current	7A
3	Over charge protection (single cell)	Over charge detection voltage	4.35±0.025V
		Over charge detection delay time	0.5s - 2.0s
		Over charge release voltage	4.15±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.4±0.08V (optional)
		Over discharge detection delay time	10-1000mS
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection voltage	depend on the above points
		Over current detection current	final data fixed from actual test
		Detection delay time	5-20ms
		Release condition	Cut load, Auto release
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	100~500us
		Release condition	charge up
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85 degree
		Storage Temperature Range	-40~+125 degree
9	Dimension	L70*W33*T3mm	
Optional Parameters:		Over charge detection voltage (V)	4.25±0.025
		Over charge release voltage(V)	4.15±0.05
		Over discharge detection voltage(V)	2.5±0.08
		Over discharge release voltage(V)	3.0±0.1

Baterie

0,0V
3,6V
7,2V
10,8V
14,4V



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