



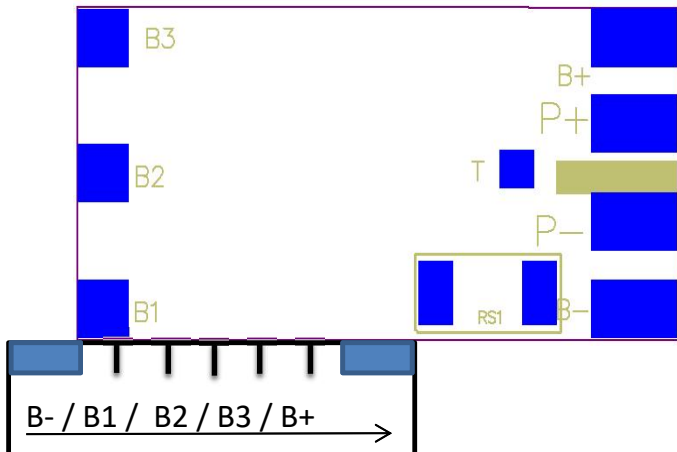
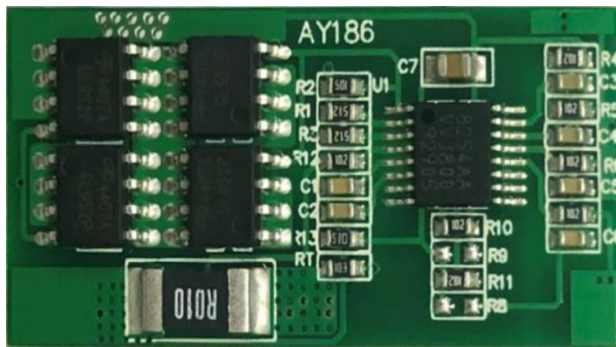
AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-LX4S5A-AY186		ver: A
Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 16.8V CC/CV (4.2v/Cell) 4S
Supply Current	Normal operating mode Self consumption current ※	≤ 50uA
	Maximal continuous charging current	7A
	Maximal continuous discharging current	7A
	Balance current for single cell ※	/
Over-charge Protection (single cell)	Balance voltage for single cell ※	/
	Over charge detection voltage ※	4.25±0.05V
	Over charge detection delay time ※	0.5S—2S
	Over charge release voltage	4.15±0.1V
Over discharge protection (single cell)	Over discharge detection voltage ※	2.7±0.05V
	Over discharge detection delay time ※	10—300mS
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	Discharge Over current detection current ※	15±3A
	Detection delay time ※	5ms—50ms
	Release condition	Cut load, Auto Recovery
Short protection	Detection condition ☆	Exterior short circuit
	Detection delay time	200-600us
	Release condition	Cut load
Resistance	Main loop electrify resistance	≤20mΩ
Temperature	high temperature discharge protection	/℃
	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L65*W48*T5 mm

NTC: / Temperature switch: / ℃ (the batteries temperature) Weak current switch: / Activation Method: /



Note:

- 1, The connection diagram for reference. May have a little difference with the real model. When you prepare assembly, you can double check the connection plan with us firstly!
- 2, When using this product, anti-static measures must be prepared! Connect to the battery as shown on the right!
- 3, Please avoid mechanical damage protection PCM! And use PCM within specifications!
- 4, Note that the use of lead, iron, tin slag, etc. Do not touch the circuit board, may damage the circuit PCM!
- 5, If something goes wrong, please contact us!
- 6, ※ Denotes the required test items. ☆ denotes sampling test. The unsigned ones are the reference items!

Prepared: Emily 2020-3-4

Checked:

Approved:

Form number: AY-ENBG-007A0