

# ORION<sup>®</sup>

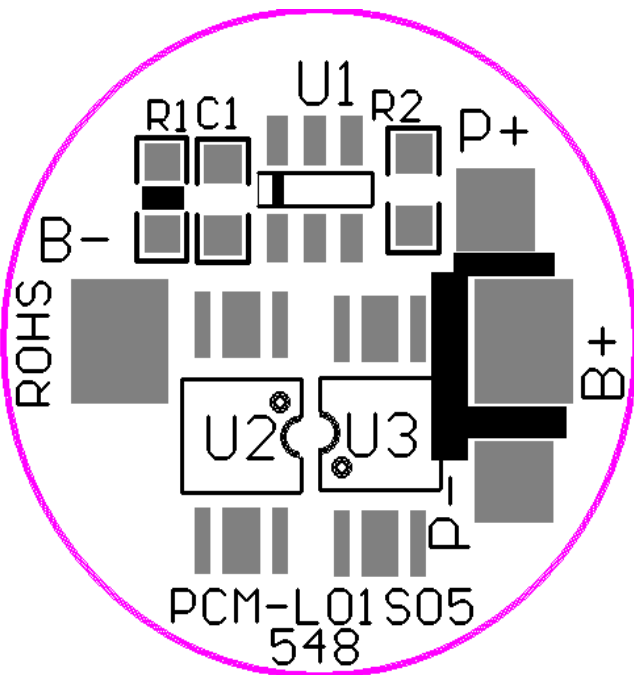
## PCM Specifications

Model: BMS 035 (LI-1S3A) ver: A

Test item (Test at normal temperature 25±2℃)		Criterion
Voltage	Charging voltage	DC: 4.2V CC/CV (4.2v/Cell) 1s
Supply Current	Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current	≤7uA
	Maximal continuous charging current	3A
	Maximal continuous discharging current	3A
Over-charge Protection (single cell)	Over charge detection voltage	4.25±0.05V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage	4.05±0.1V
Over discharge protection (single cell)	Over discharge detection voltage	2.8±0.05V
	Over discharge detection delay time	10—200mS
	Over discharge release voltage	3.0±0.1V
Current protection (Battery pack)	ChargeOver current detection current	/
	Detection delay time	/
	Discharge Over current detection current	5±2A
	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	≤65mΩ
Temperature	Operating Temperature Range	-40~+85℃
	Storage Temperature Range	-40~+125℃

SIZE: L 16.1\*W15.9 \*T 2.5 mm

NTC: /    Temperature switch: /    Weak current switch: /    Activation Method: /



P+=Charge+/Discharge+

P-=Charge-/Discharge-

Size:L16.1\*W15.9\*T1.9mm

