



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-G01S05-932

No.	Test item (Test at normal temperature 25±2℃ and relative humidity≤90%)		Criterion
1	Communication Interface		I2C
2	Voltage	Charging voltage	DC: 4.2V CC/CV (4.2V/1cell)
3	Current	Normal operating-mode current (Gas Gauge IC)	140 uA
		SLEEP operating-mode current (Gas Gauge IC)	70 uA
		FULL SLEEP operating-mode current	25 uA
		Maximal continuous charging current	5A
		Maximal continuous discharging current	5A
4	Over charge Protection (single cell)	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.15±0.05V
5	Over discharge protection (single cell)	Over discharge detection voltage	2.5±0.08V
		Over discharge detection delay time	10—1000mS
		Over discharge release voltage	3.0±0.1V
6	Over current protection (Battery pack)	Over current detection voltage	0.2±0.015V
		Over current detection current	12±5A
		Detection delay time	5ms—60ms
		Release condition	Cut load
7	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200us-10ms
		Release condition	Cut load
8	Resistance	Protection circuitry (MOSFET)	≤50mΩ
9	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

SIZE: L55*W17*T2.5 mm

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

