



Protection Circuit Module

For 7.4V Li-ion/Li-polymer Battery Pack
PCM-Li02S3-060(2S)

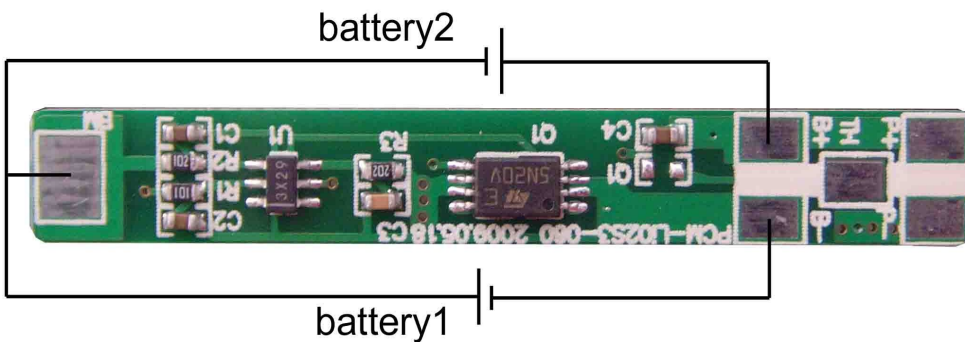
| No. | Test item | Criterion | |
|-----|---------------------------|--|------------------------|
| 1 | Voltage | Charging voltage | DC:8.4V CC/CV |
| | | Balance voltage for single cell | |
| 2 | Current | Balance current for single cell | |
| | | Current consumption for single cell | Max:20μA |
| | | Maximal continuous discharging current | 2.5A |
| 3 | Overcharge Protection | Over charge detection voltage | 4.25V±0.025V |
| | | Over charge detection delay time | 0.96S~1.4S |
| | | Over charge release voltage | 4.05±0.05V |
| 4 | Over-discharge Protection | Over discharge detection voltage | 2.40V±0.062V |
| | | Over discharge detection delay time | 115~173mS |
| | | Over discharge release voltage | 3.0±0.1V |
| 5 | Over Current Protection | Over current detection voltage | 0.2±0.015V |
| | | Over current detection current | 6.5±1A |
| | | Detection delay time | 6.7ms~13.9ms |
| | | Release condition | Automatic Recovery |
| 6 | Short Protection | Detection condition | Exterior short circuit |
| | | Detection delay time | 200~500us |
| | | Release condition | Automatic Recovery |
| 7 | Resistance | Protection circuitry | ≤60mΩ |
| 8 | Temperature | Operating temperature range | -40~+85℃ |
| | | Storage temperature range | -40~+125℃ |
| 9 | Size | | L50*7mm |

P+=Charge+/Discharge+

P- =Charge-/Discharge-

Size:L50*W7mm

marks:



* Characteristics subject to change without notice.

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