

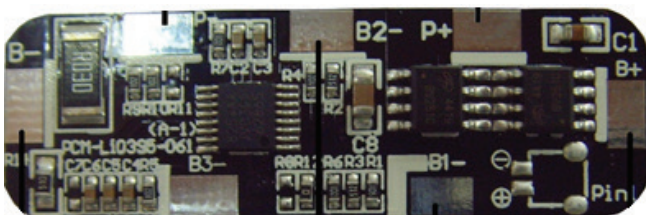


PCM for 10.8/11.1V Lilon Battery Pack

SPECIFICATIONS

| No. | Test Item | Criterion | |
|-----|---------------------------|--|------------------------|
| 1 | Voltage | Charging voltage | DC:12.6V CC/CV |
| | | Balance voltage for single cell | N/A |
| 2 | Current | Balance current for single cell | N/A |
| | | Power consumption | ≤50μA |
| | | Maximal continuous Discharging current | 4A |
| 3 | Over Charge Protection | Over charge detection voltage | 4.35V±0.025V |
| | | Over charge detection delay time | 0.5S—1.5S |
| | | Over charge release voltage | 4.15V±0.05V |
| 4 | Over Discharge Protection | Over discharge detection voltage | 2.40V±0.08V |
| | | Over discharge detection delay time | 50—150ms |
| | | Over discharge release voltage | 3.0±0.10V |
| 5 | Over Current Protection | Over current detection voltage | 150±25mv |
| | | Over current detection current | 5±1A |
| | | Detection delay time | 5ms—15ms |
| | | Release condition | Automatic recovery |
| 6 | Short Protection | Detection condition | Exterior short circuit |
| | | Detection delay time | 200-500us |
| | | Release condition | Automatic recovery |
| 7 | Resistance | Internal resistance | ≤60mΩ |
| 8 | Temperature | Operating Temperature Range | -40~+85°C |
| | | Storage Temperature Range | -40~+125°C |
| 9 | Dimensions | L 50.0mm x W 16.0mm x T 4.0mm | |

LAYOUT DIAGRAM



CONNECTION DIAGRAM

