

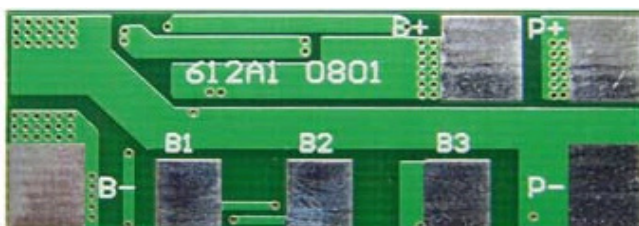


### PCM for 14.4/14.8V Lilon Battery Pack

#### SPECIFICATIONS

| No. | Test Item                 | Criterion                               |                        |
|-----|---------------------------|---|------------------------|
| 1   | Voltage                   | Charging voltage                        | DC:16.8V CC/CV         |
|     |                           | Balance voltage for single cell         | N/A                    |
| 2   | Current                   | Balance current for single cell         | N/A                    |
|     |                           | Low Current consumption for single cell | Max50μA                |
|     |                           | Maximal continuous Discharging current  | 7A                     |
| 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±0.1V               |
| 5   | Over Current Protection   | Over current detection voltage          | 150±25mV               |
|     |                           | Over current detection current          | 15±2.0A                |
|     |                           | Detection delay time                    | 5ms—15ms               |
|     |                           | Release condition                       | charge up              |
| 6   | Short Protection          | Detection condition                     | Exterior short circuit |
|     |                           | Detection delay time                    | 200-500us              |
|     |                           | Release condition                       | charge up              |
| 7   | Resistance                | Protection circuitry                    | ≤50mΩ                  |
| 8   | Temperature               | Operating Temperature Range             | -40~+85°C              |
|     |                           | Storage Temperature Range               | -40~+125°C             |
| 9   | Dimensions                | L 40.0mm x W 15.0mm x T 3.0mm           |                        |

#### LAYOUT DIAGRAM



#### CONNECTION DIAGRAM

