

Table 7.8 EMUS G1 Cell Module CALB CAM 72Ah terminal assignment

| Terminal No. | Assignment |
|--------------|------------|
| 1 | CELL + |
| 2 | CELL - |
| 3 | UP |
| 4 | DN |

7.2.1.6. 3A type

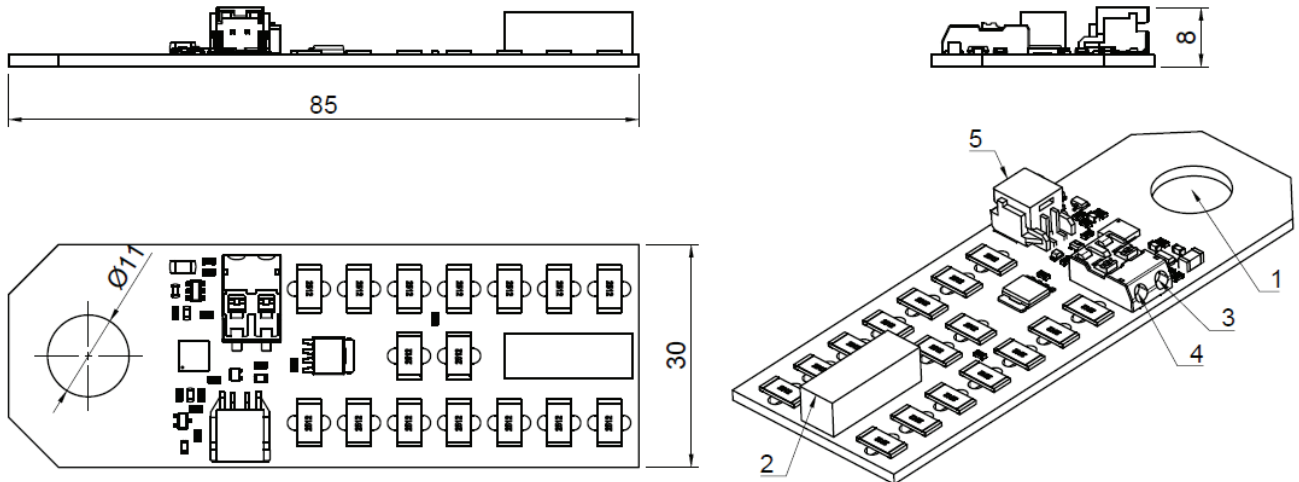


Figure 7.7 EMUS G1 Cell Module 3A (CM071A) mechanical drawing. All dimensions in millimeters

Table 7.9 EMUS G1 Cell Module 3A terminal assignment

| Terminal No. | Assignment | Mating housing | Terminal crimp |
|--------------|--------------------|---|-------------------------|
| 1 | CELL- | - | |
| 2 | CELL+ | | |
| 3 | DN | | |
| 4 | UP | | |
| 5 | Temperature sensor | 502351-0201 2pin Molex Duraclick header | 50212-8100 Molex crimps |

7.2.2. Electrical characteristics

Table 7.10 EMUS G1 Cell Module electrical characteristics

| Item | Value | | | | | |
|---|---------------------|--------|--------|--------|--------|--------|
| | CM011A | CM021A | CM031A | CM051A | CM060A | CM071A |
| Operating voltage | 2.0 VDC to 4.55 VDC | | | | | |
| Voltage measuring range | 2.0 VDC to 4.55 VDC | | | | | |
| Voltage measurement resolution | 10mV | | | | | |
| Internal temperature measuring range | -99°C to 154°C | | | | | |
| Internal temperature measurement resolution | 1°C | | | | | |
| Internal temperature measurement accuracy | ±5°C | | | | | |