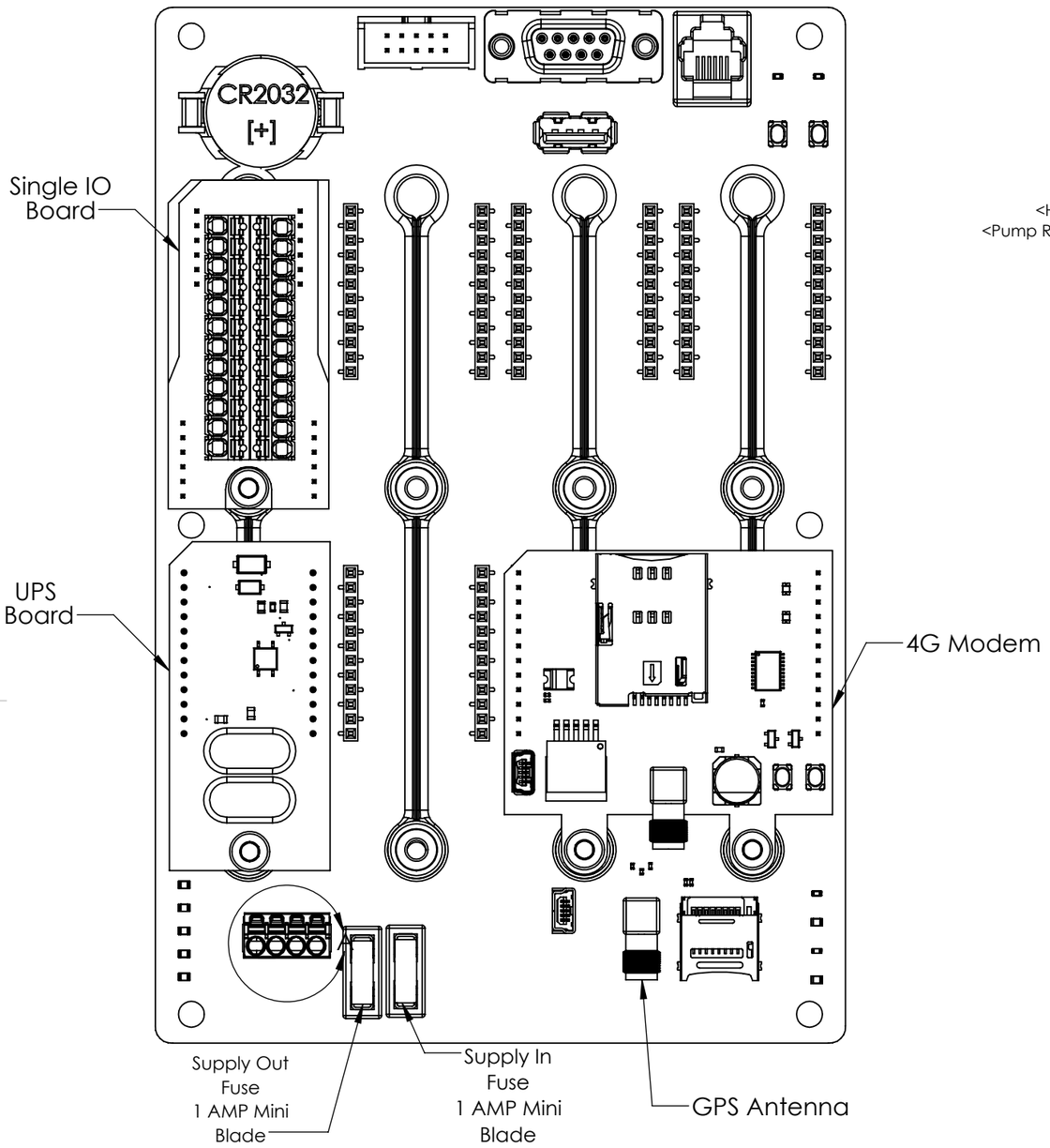
If You Are Not Sure Please Ask

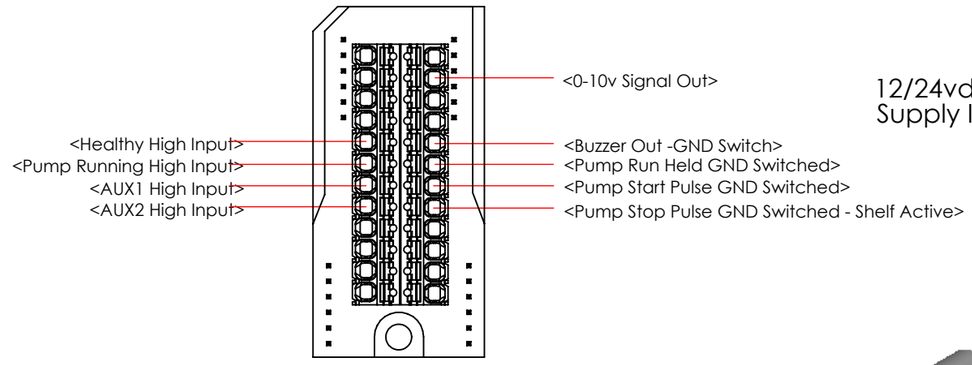
Do Not Scale Drawing

METRIC

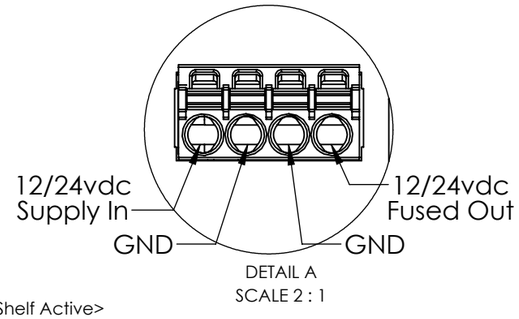
## Single Pump Control




## Additional IO Boards Max 4 IO Boards Per Controller




## Rover Max Controller Electrical




## Isometric View

# Rover Systems Pump Modem Max

4g Pump Modem - TEXT Based System

The Rover Modem Max is designed for pumping applications and comes with features such as

- Dual Control Circuit interfacing, both latched and pulsed control
- Run Timer set within the command message string
- Speed Control and PID Source Control - 0-10v Signal set within the message string
- Control up to 4 pumps per controller
- Healthy and Running inputs with build in protection
- Additional configurable AUX inputs

Designed and Manufactued by Rover Systems Pty Ltd

## Electrical Specifications

### Rover Max Base Board Electrical Specification

- Supply: 12 to 42vdc (48watts min)
- Supply In Fuse: [F1] 1amp Micro Blade Fuse
- Supply Out Fuse: [F2] 1amp Micro Blade Fuse
- Power Consumption: 500ma max
- Temperature Range: -10 to +70deg C

### Single IO Click Board

- Digital inputs (Active High) - 12v to 42v
- Surge: ±2kV tolerant
- Contact ESD: ±8kV
- Air Gap ESD: ±15kV
- Digital Outputs - (Switched Low)
- Max V 48vdc
- Max Current: 500ma
- Analogue: 4-20ma 2 wire & 0-10vdc (60ma)

### Rover UPS Click Board

- Capacitor: 2f ( up to 4 messages on Address Book Slot 1)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Change Notes: | | | CHANGE DOC. | CD/REC | | CHANGE DATE | |
| Rover Max Controller Electrical | | | | CD/APPV | | | |
| | | | | CD/CHK | | | |
| WEIGHT: kg. | | COPYRIGHT - ALL RIGHTS RESERVED This drawing is the property of Rover Systems Pty Ltd, 8 Maisie Place Ulverstone Tasmania and is not to be copied or used in part or whole without the authority of Rover Systems Pty Ltd This drawing is to be returned to Rover SystemsPty Ltd on demand. | | | | | |
| MATERIAL: | | | | | | | |
| SPECIFICATION: | | | | | | | |
| Thickness | | TOLERANCES | DO NOT SCALE DRAWING | SHEET 1 OF 1 | | DATE: 1/01/2025 | |
| FINISH: | | X = +/- 1.5 | | | | | |
| PROFILE DWG: | | X.X = +/- 0.8 | | | | | |
| TOOLING DWG: | | X.XX = +/- 0.25 | DWG: | SCALE:1:2 | | REVISION: | |
| PARENT DWG: | | ANG = +/- 1DEG | | | | | |
| | | | DESCRIPTION: | DRAWN | | CHG | VER | SHT |
| | | | | APPV'D | | | | A3 |
| STATUS | | | | CHK'D | | | | |