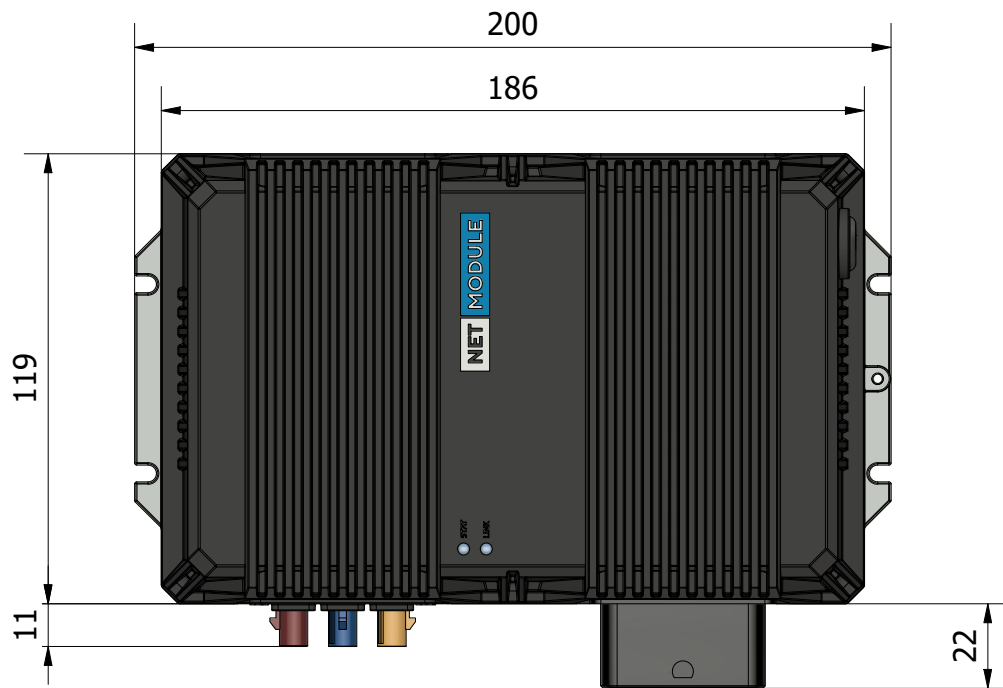
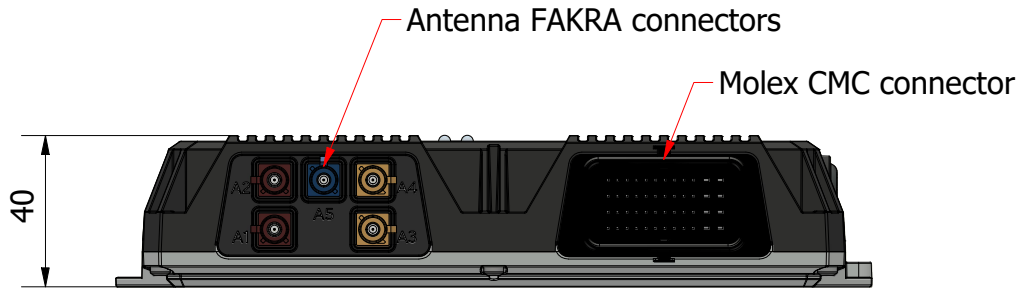





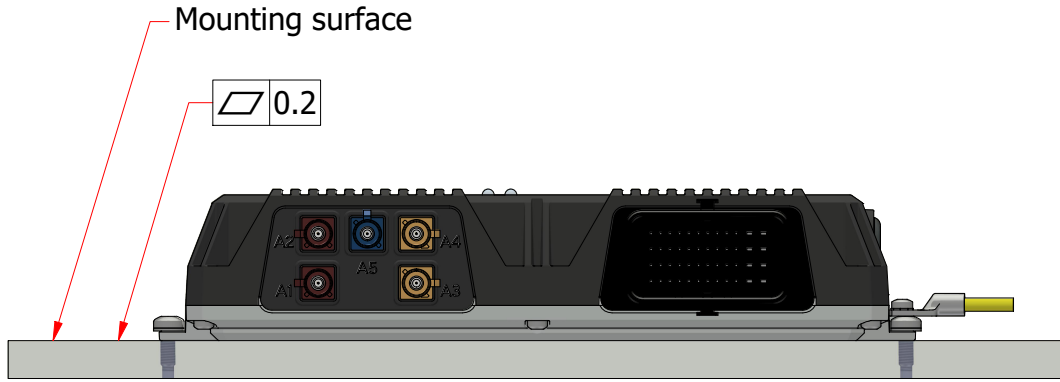
1. Outline Dimensions



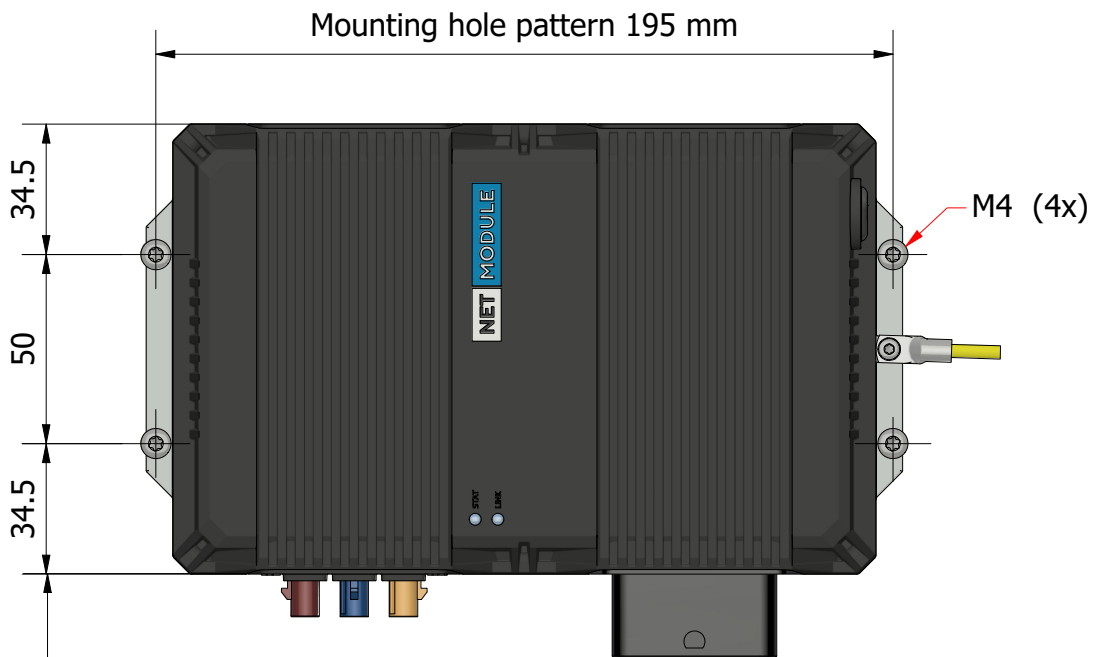
All dimensions in mm

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2. Mounting Specification



To optimise cooling of the device, allow air flow around it and mount it to a metal surface if possible.



Recommendation: 90 mm space for cable mounting

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3. Device Mounting

3.1 Place the screw and lock washer over the mounting hole (Figure 2)

3.2 Tighten the screws | Drive type: Torx T20 | Torque: 2.5Nm (Figure 3)

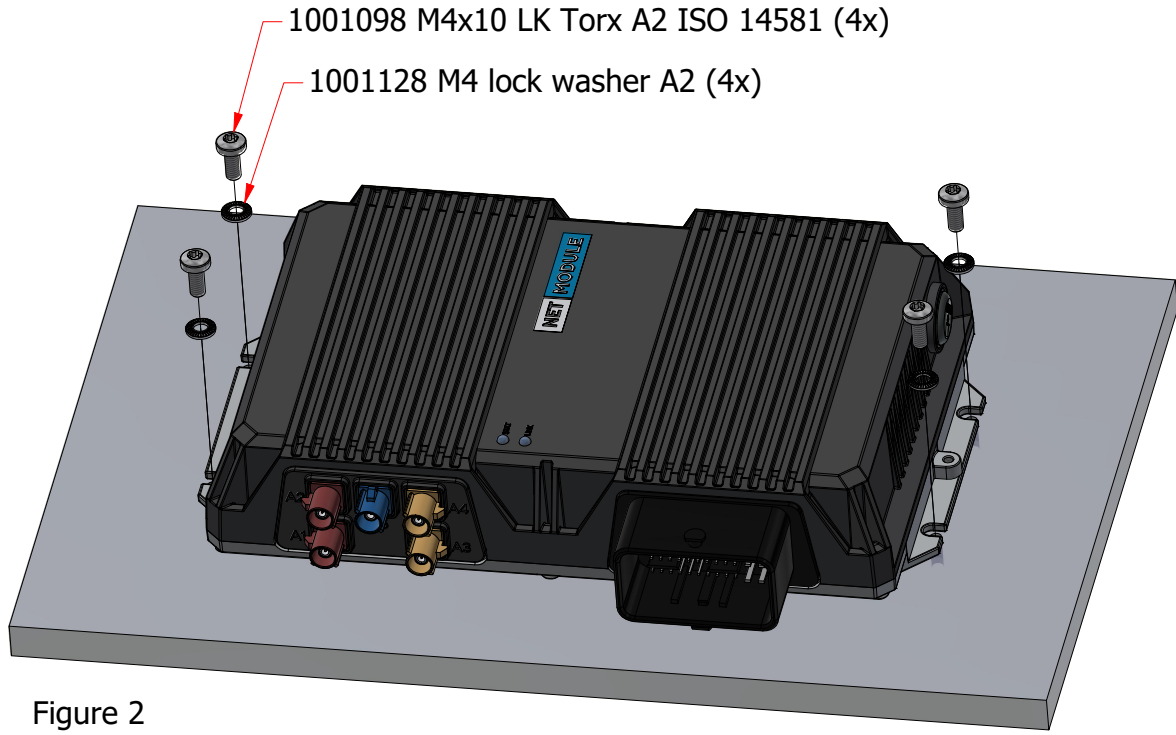


Figure 2

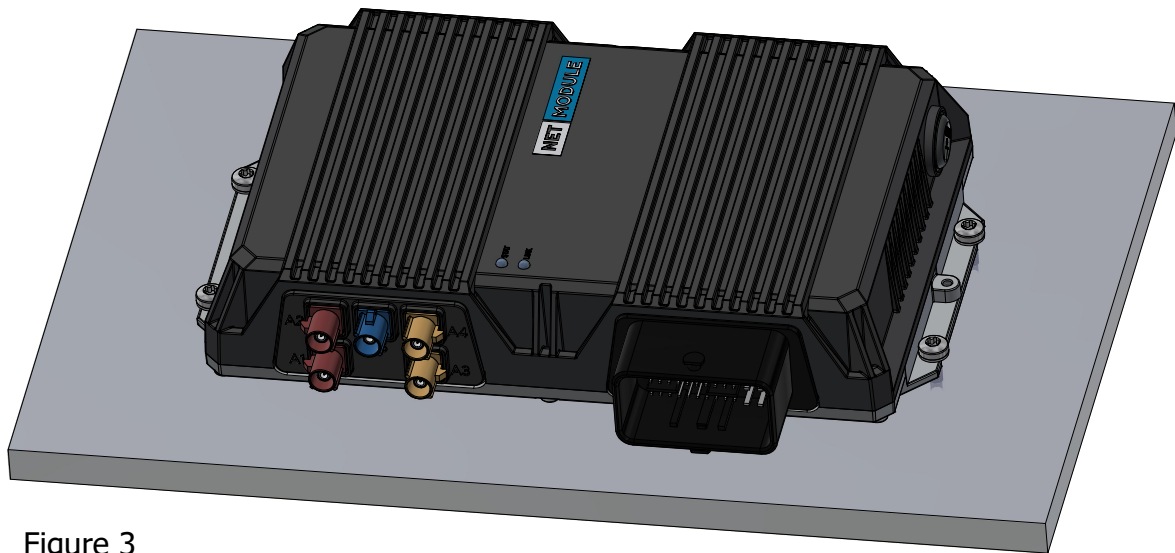


Figure 3

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4. Earthing Cable Mounting (optional)

4.1 Place the screw, lock washer and cable lug over the mounting hole (Figure 4)

4.2 Tighten the screw | Drive type: Torx T10 | Torque: 1Nm (Figure 5)

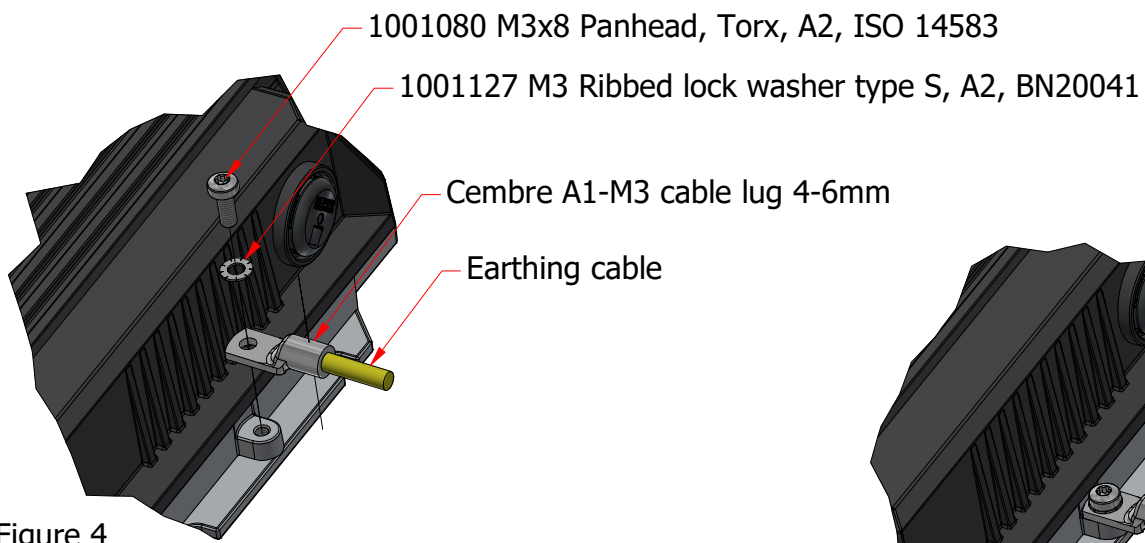
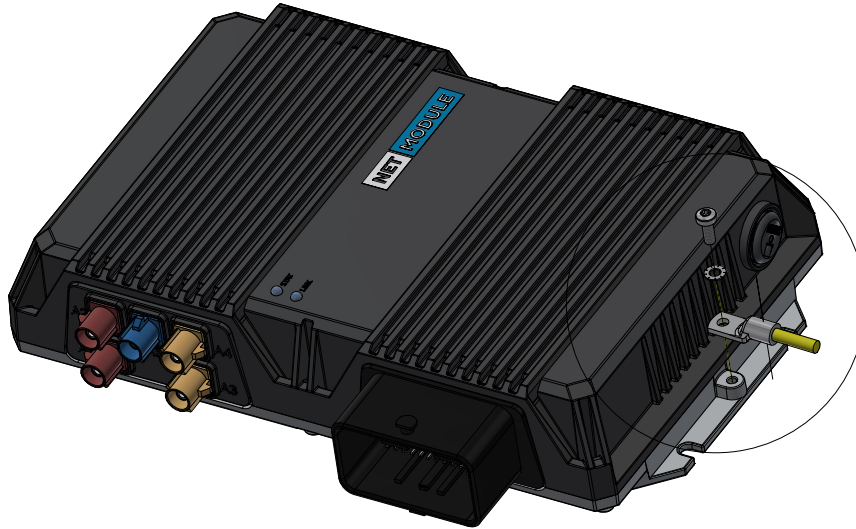


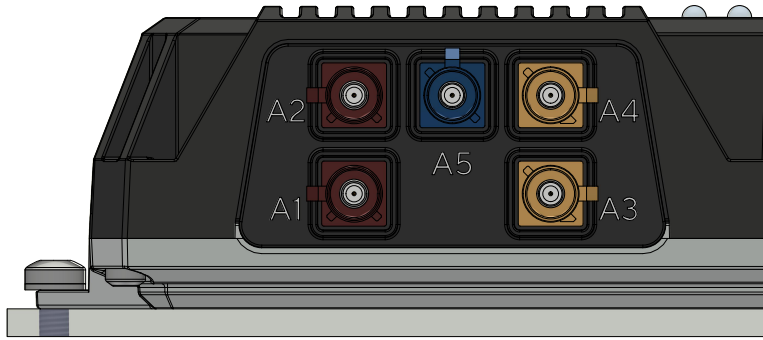
Figure 4

Figure 5

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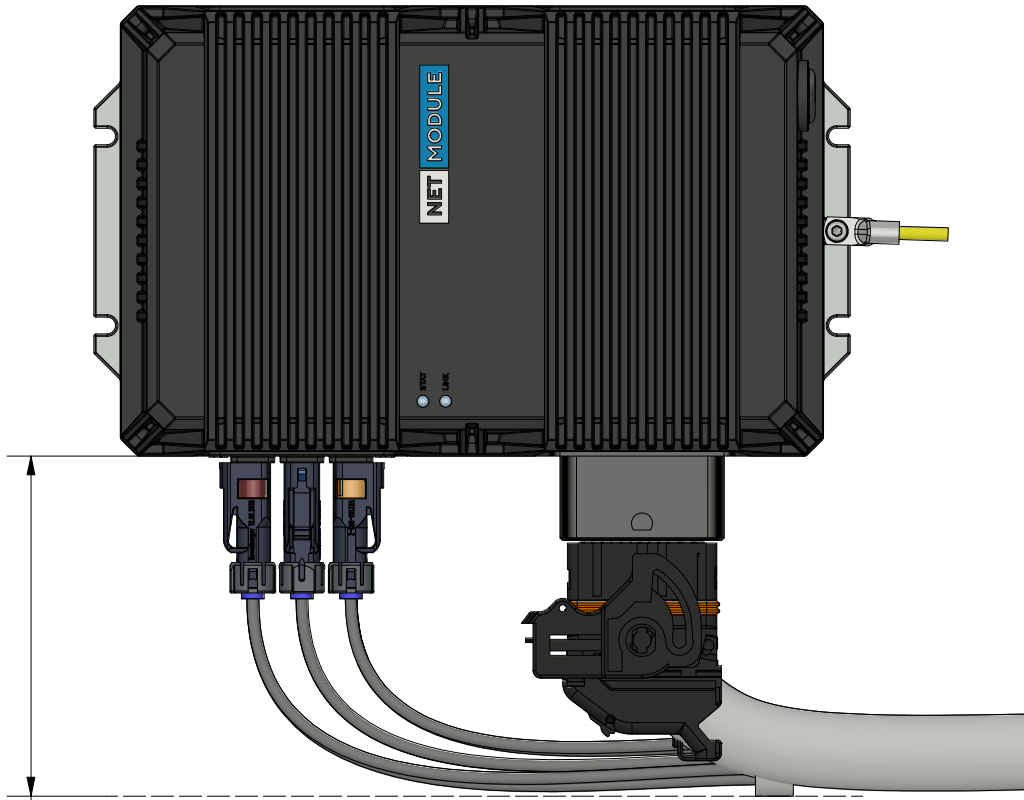
5. Antenna Cable Mounting

- 5.1 Connect the antenna cables according the port layout (Figure 6)
- 5.2 Recommended cable guideline (Figure 7)



Port Layout 5x FAKRA Insert		
FAKRA Code	Label	Application
D	A1	LTE
D	A2	LTE
I	A3	WLAN
I	A4	WLAN
C	A5	GNSS

Figure 6



Recommendation: 90 mm space for cable mounting
 Refer to cable specs for bending radius

Figure 7

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6. Molex CMC Cable Mounting

- 6.1 Place the cable with the molex connector (Figure 8)
- 6.2 Turn the bracket clockwise to the position unlocked (Figure 8)
- 6.3 Place the molex cable into the molex connector until the guide rail of the bracket is in the right position to hold the guide bolt of the molex connector (Figure 9)
- 6.4 Turn the bracket counter-clockwise to push the molex cable into the connector (Figure 10)
- 6.5 Snap-In the bracket to lock the connector (Figure 11)

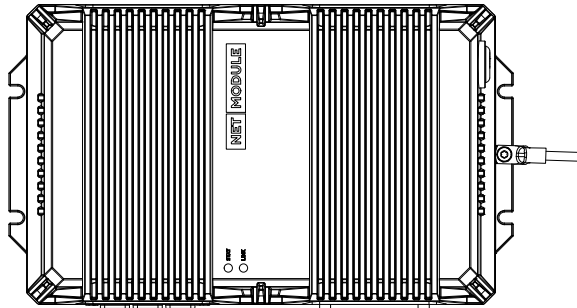


Figure 8

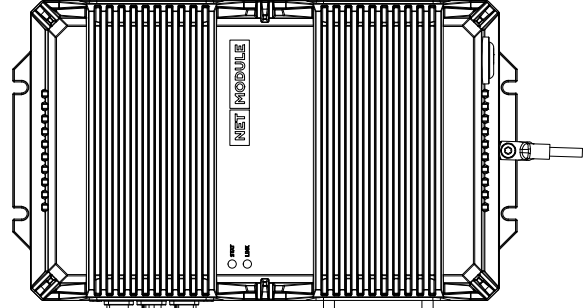


Figure 9

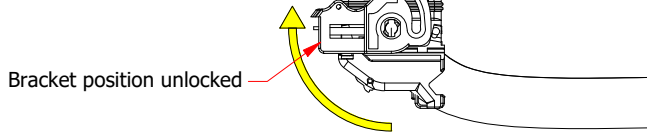


Figure 10

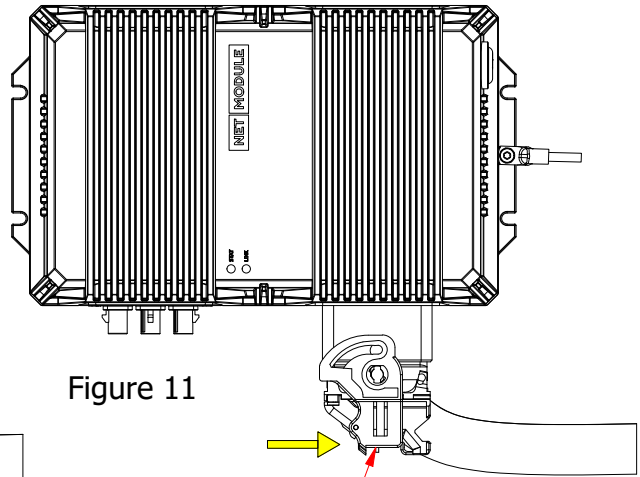


Figure 11

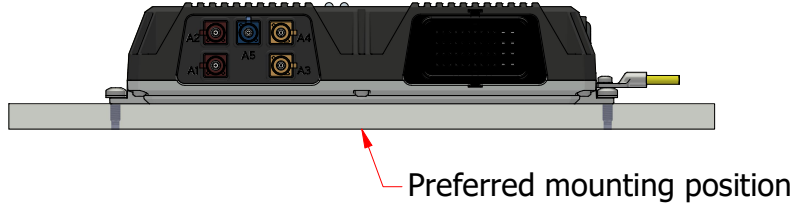
Bracket position locked

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7. Valid Device Mounting Positions

7.1 No mounting position restrictions

Horizontal mounting on x/y surface



Vertical mounting on x/z surface



Horizontal mounting on x/y surface



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