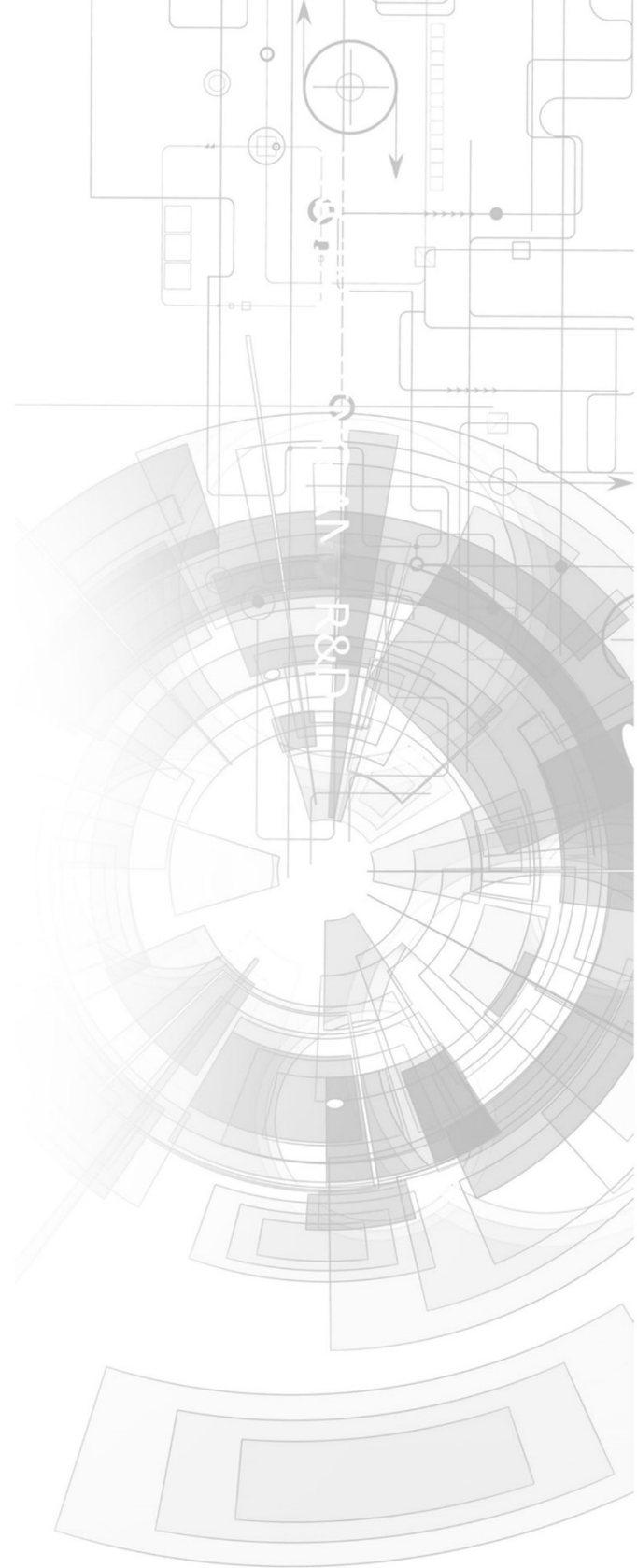


4DBEZEL-70



Datasheet

Revision 1.4

Copyright © 2023 4D Systems

Content may change at any time. Please refer to the resource centre for latest documentation.

Contents

1. Description	3
2. Features	4
3. Assembly of the uLCD-70DT onto the Bezel and the Panel	5
4. Mechanical Dimensions	7
5. Revision History	8

1. Description

The 4D Systems 7.0" Display Bezel is a plastic bezel for the uLCD-70DT display module.

This bezel provides a sleek cover to the uLCD-70DT display module and also provides an easy method to panel-mount the display module into an enclosure. The bezel mounts the display module, while also providing a mounting solution into a panel, keeping it all securely together.

Spring clips attach to the bezel in four locations, and hold it tightly to the enclosure/wall panel, offering a range of panel thickness from 1mm to 2.5mm without the need to add washers. If a panel thicker than 2.5mm is required, washers can be placed under the spring clip, however, this is not recommended practice.

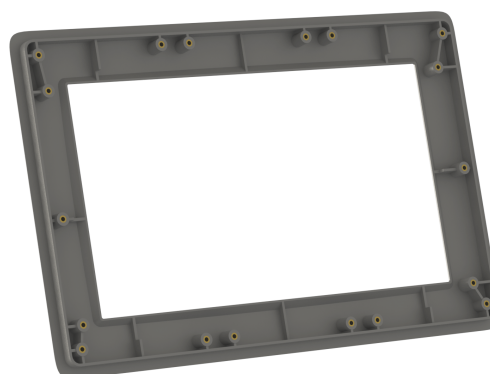
Note

This bezel is only designed for indoor use. It is not weather-tight, nor does it offer any IP rating. It should only be used indoors in clean environments as it offers little protection to the circuitry of moisture or particles.

Bezels are available in Black or White.



Bare 7.0" Bezel - Front



Bare 7.0" Bezel - Back

ORDERING INFORMATION

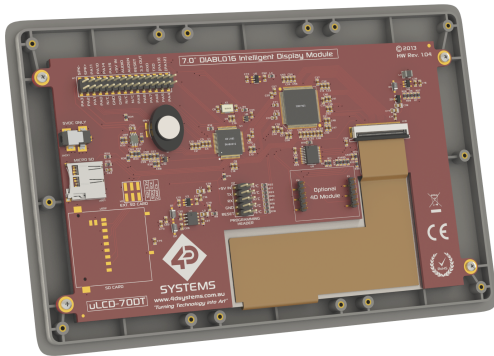
4DBEZEL-70-B (Black Version)

4DBEZEL-70-W (White Version)

Packaging: Module sealed in antistatic foam padded 4D Systems Box

2. Features

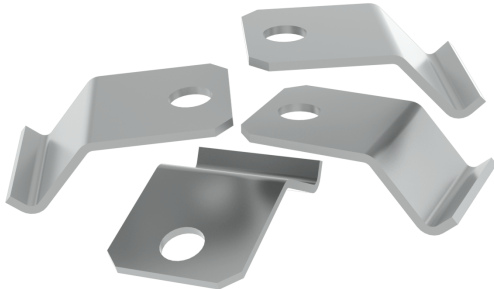
- Plastic 7.0" Bezel designed for panel mounting the uLCD-70DT
- A simple cut-out is required, and no mounting holes require to be drilled into the panel
- Brass mounting inserts in the rear of the bezel
- 6x Type 1 and 4x Type 2 Spring Clips for attaching the bezel to the panel
- 12x M2 x 5mm mounting screws and washers included



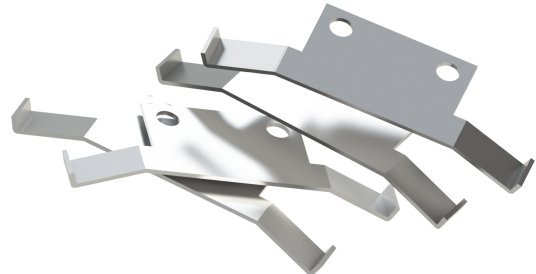
uLCD-70DT Mounted in 7.0" Bezel - Back



uLCD-70DT Mounted in 7.0" Bezel - Front



Type 1 Spring Clips



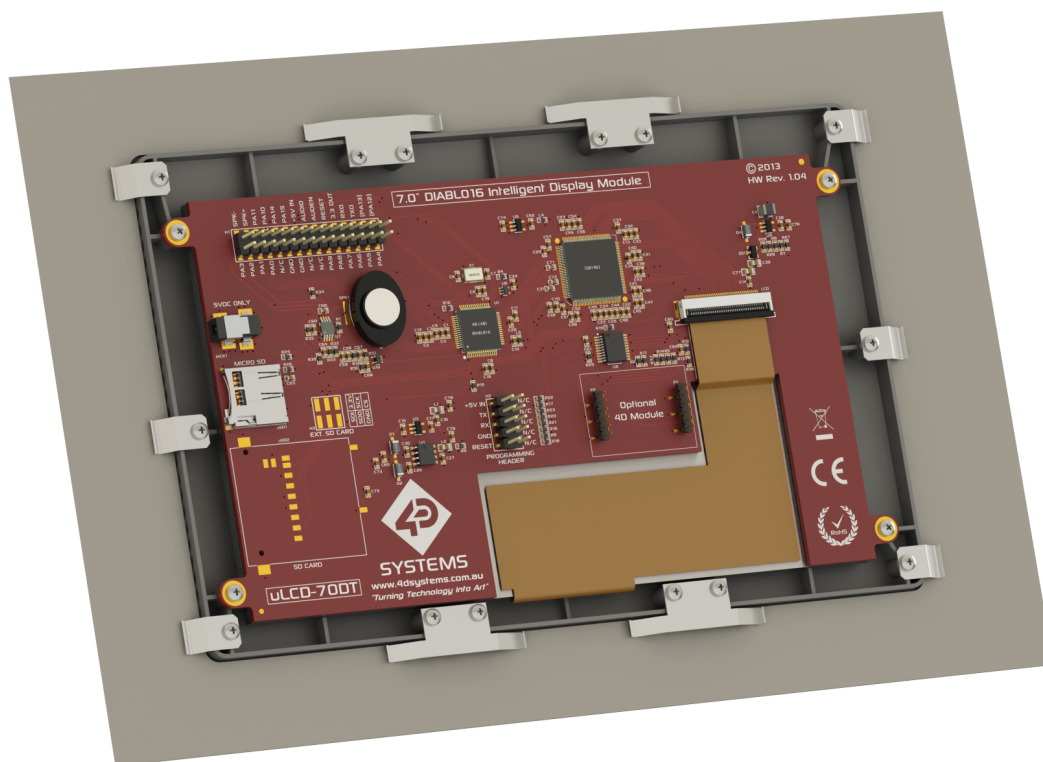
Type 2 Spring Clips

3. Assembly of the uLCD-70DT onto the Bezel and the Panel

1. Place the uLCD-70DT face down into the bezel, taking care of the orientation of the display so the mounting tabs of the display line up with the brass inserts in the bezel.
2. Insert 4 of the screws with 4 of the washers into the mounting tabs to secure the display on the bezel. Nip the screws up but take care, not to over-tighten or damage may be done to the bezel.
3. Place the assembled bezel into the Panel/Enclosure, taking note of the orientation of the display.
4. Place a washer on one of the remaining screws, followed by a Type 1 spring clip, and attach to one of the brass inserted holes on the left or right sides of the bezel, allowing the spring clip to work against the panel, holding the bezel firmly in place. The recommended location is in the centre.
5. Repeat step 4 for another Type 1 screw on the other side.
6. Attach 2 screws and washers to each Type 2 spring clip and fasten them to the top or bottom of the bezel, holding the bezel firmly in place.
7. Repeat for the remaining screws, washes and Type 2 spring clips.
8. The bezel should now be securely fitted to the panel, and the uLCD-70DT should be securely fitted to the bezel.

Note

Depending on the configuration of your enclosure/panel this is being mounted into, will determine the best configuration for screws and clips to hold the bezel securely. There are enough screws and washers to suit 4 large clips (Type 2) and 2 small clips (Type 1) by default. Alternately 4 Type 1 clips can be used with 2 Type 2 clips. The choice is yours. If additional screws are required, they are standard M2 x 5mm screws.

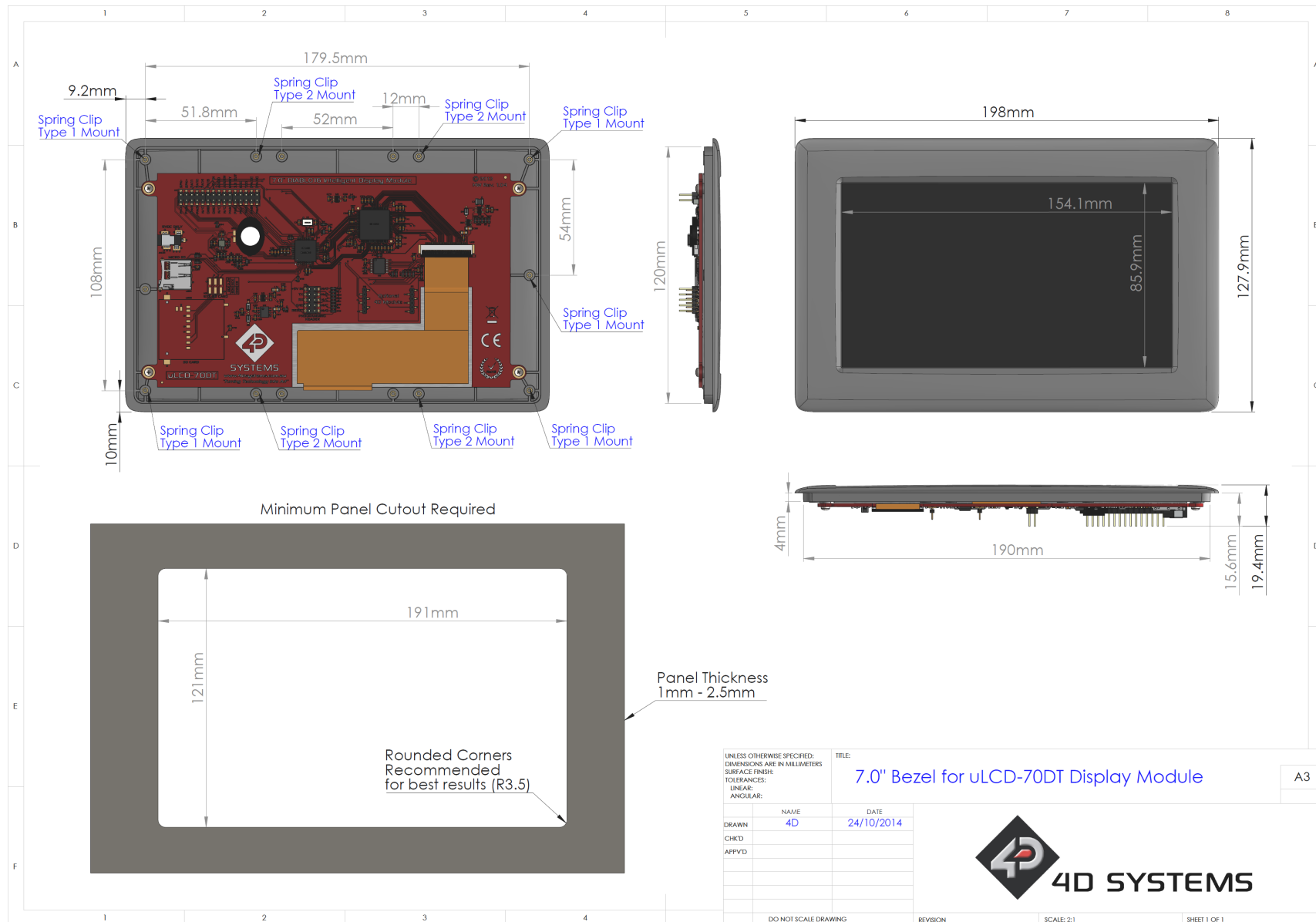


*uLCD-70DT secured to the 7.0" Bezel, and Bezel secured to the Panel/
Enclosure*

 **Note**

It is not essential to use all spring clips if it is not possible for your given installation, however using as many as possible will ensure you get a nice flat panel hugging seal.

4. Mechanical Dimensions



5. Revision History



Datasheet Revision

Revision Number	Date	Description
1.4	02/01/2023	Modified datasheet for web-based documentation