



4D SYSTEMS

TURNING TECHNOLOGY INTO ART

4.3" Display Bezel

4DBEZEL-43-(B/W)

For 4DLCD-FT843 Display

DATASHEET

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1. Description

The 4D Systems 4.3" Display Bezel is a plastic bezel for the 4DLCD-FT843 display.

This bezel provides a sleek cover to the 4DLCD-FT843 display, and also providing an easy method to panel mount the display into an enclosure. The bezel mounts the display, while also providing a mounting solution into a panel, keeping all securely together.

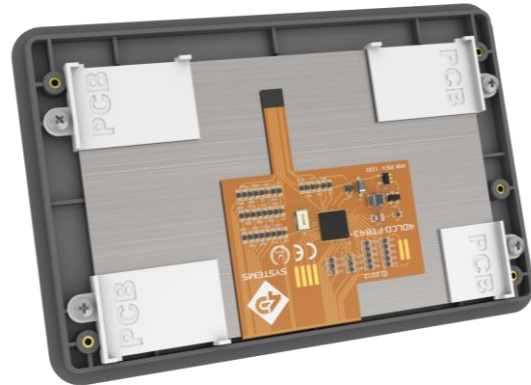
Spring clips attach to the bezel in four locations, and hold it tightly to the enclosure/wall panel, offering a range of panel thickness from 1mm to 2.5mm without the need to add washers. If a panel thicker than 2.5mm is required, washers can be placed under the spring clip, however this is not recommended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

Please 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.

2. Features

- Plastic 4.3" Bezel designed for panel mounting the 4DLCD-FT843
- Simple cut-out required, no mounting holes requires to be drilled in the panel
- Brass mounting inserts in the rear of the bezel
- 4x Spring Clips for attaching the bezel to the panel
- 8x M2 mounting screws and washers included



4DLCD-FT843 Mounted in 4.3" Bezel - Back



Bare 4.3" Bezel - Front



4DLCD-FT843 Mounted in 4.3" Bezel - Front



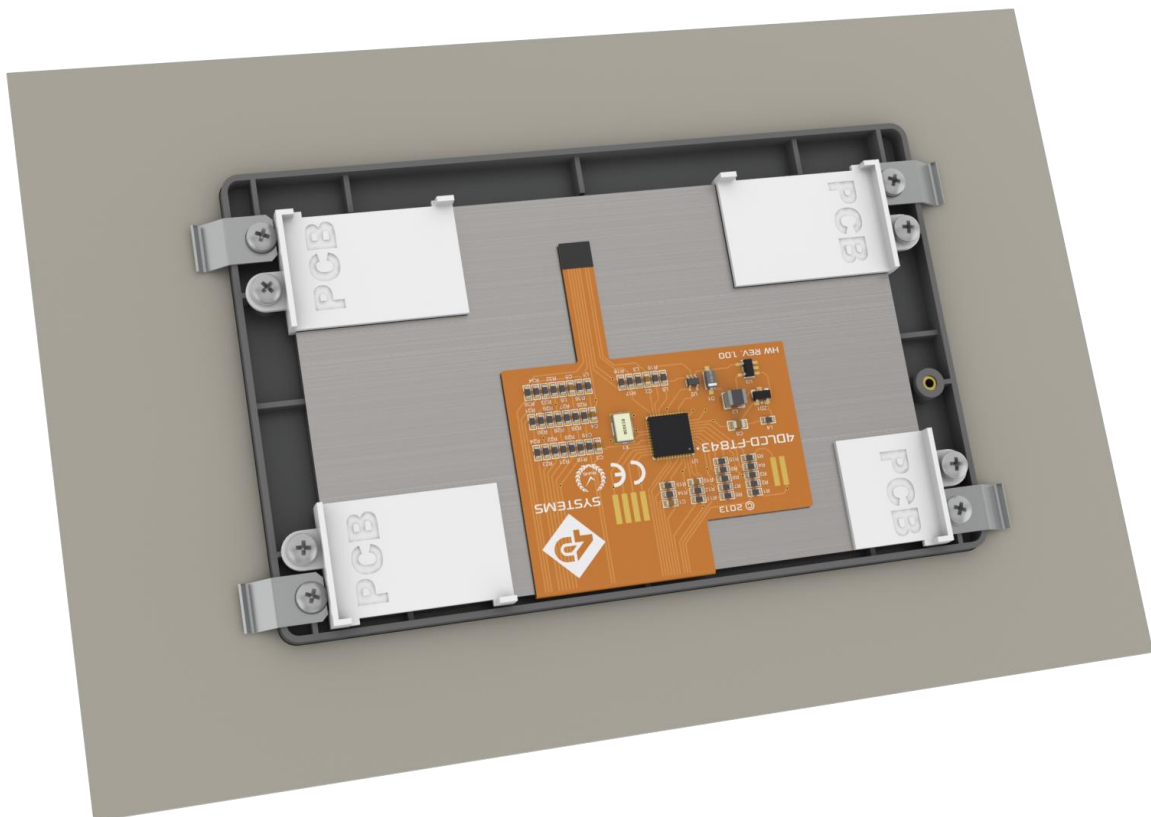
Bare 4.3" Bezel - Back



Spring Clips

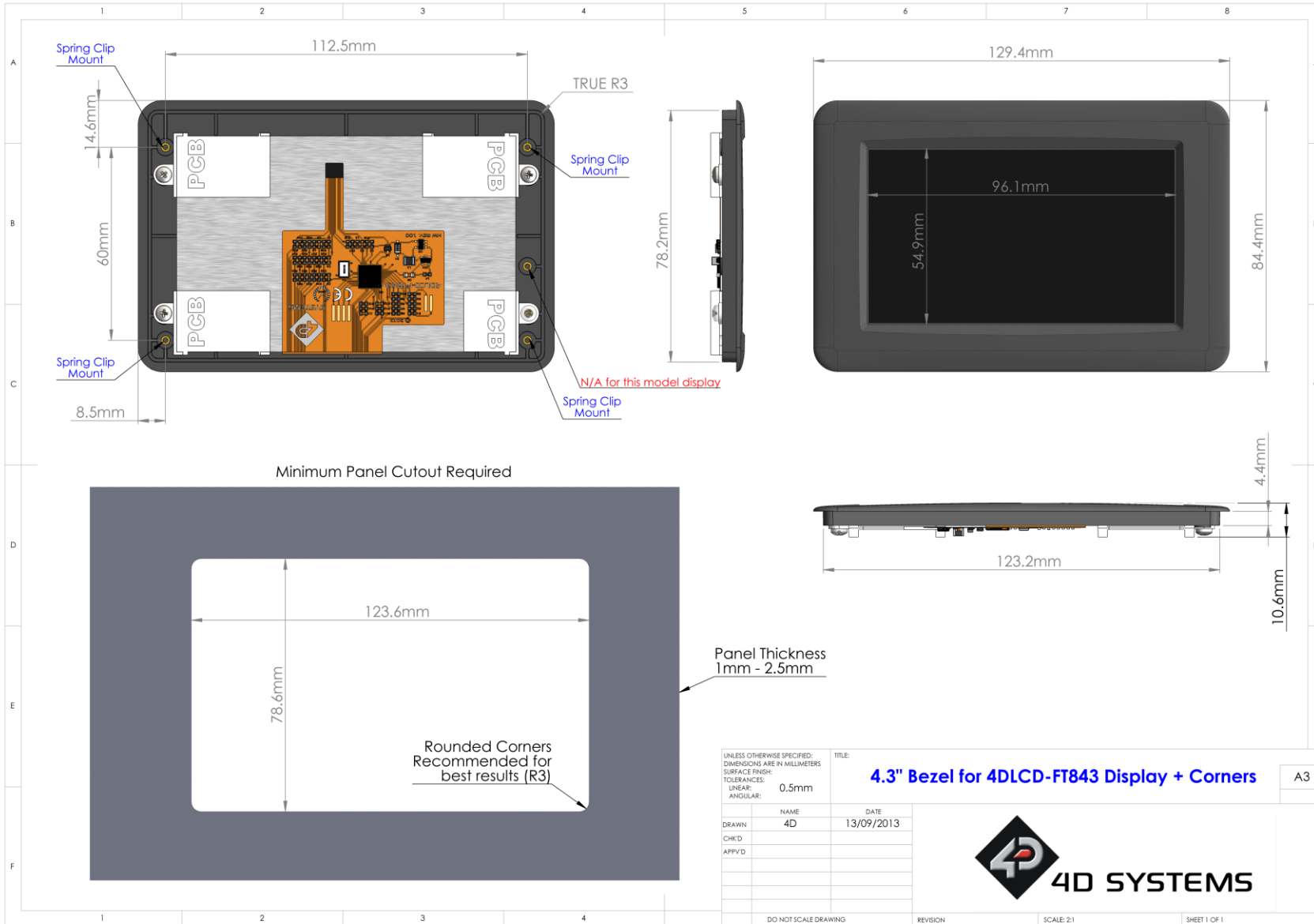
3. Assembly of the 4DLCD-FT843 onto the Bezel and on to the Panel

- 1) Attach the four plastic corner plates to the back of the display, where the indent 'PCB' lettering is facing upwards. Note the short corner plate goes on the bottom right corner as depicted in the image below.
- 2) Place the 4DLCD-FT843 with corner plates attached face down into the bezel, taking care of the orientation of the display so the mounting tabs of the corner plates line up with the brass inserts in the bezel.
- 3) 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.
- 4) Place the assembled bezel into the Panel/Enclosure, taking note of the orientation of the display.
- 5) Place a washer on one of the remaining screws, followed by a spring clip, and attach to one of the brass inserted holes on the bezel, allowing the spring clip to work against the panel, holding the bezel firmly in place.
- 6) Repeat for the remaining screws.
- 7) The bezel should now be securely fitted to the panel, and the 4DLCD-FT843 should be securely fitted to the bezel.
- 8) Customers' application board can then be mounted to the corner plates or directly onto the back of the LCD, and attach to the flex of the 4DLCD-FT843.



4DLCD-FT843 secured to the 4.3" Bezel, and Bezel secured to the Panel/Enclosure using the four spring clips

4. Mechanical Dimensions



4.3" Bezel for the uLCD-43PT

ORDERING INFORMATION

Order Code:

4DBEZEL-43-B (Black Version)

4DBEZEL-43-W (White Version)

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

5. Legal Notice

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6. Contact Information

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