

## Kyocera Part Number: **KDA-0700B-18053S-A**

Kyocera's Optical Bonding technology eliminates the air gap found in standard tape bonded applications thus reducing internal reflection by up to 70%, dramatically enhancing front-of-screen performance in contrast, clarity and color saturation. Optical Bonding also improves shock resistance.

Kyocera in house Optical Bond provides high quality, fully integrated, solutions with many options to customize specifically for your requirements.

### Solution Overview:

| TCG070WVLSJPPA-GD20                         | Specification                                |
|---|--|
| Resolution / Pixel Configuration            | 800 x 480                                    |
| Outline Dimensions (W x H x D mm) ( module) | 169.8(W)×109.7(H)×(9.2)(D)                   |
| Backlight Lifetime ( hours)                 | 70,000 hrs (typ.)                            |
| Luminance (Cd/m <sup>2</sup> )              | 500 cd/m <sup>2</sup>                        |
| Contrast Ratio ( CR>10)                     | 650:1  |
| Electrical Interface                        | LVDS   |
| Viewing Angle (CR ≥ 10)                     | H: -85 ~85° ; V: -85~85°                     |
| Temperature Range                           | Operating: -20 ~ 70° C; Storage: -30 ~ 80° C |

| PCAP Touch Screen Performance | Specification   |
|-------------------------------|---|
| # of touches                  | 2   |
| Controller Interface          | I2C   |
| Controller                    | Internal  |
| Cover Glass                   | 1.1mm, Chemical Strengthened, Clear Window, Black Mask Border |

Additional design accessories and tools available on second page.

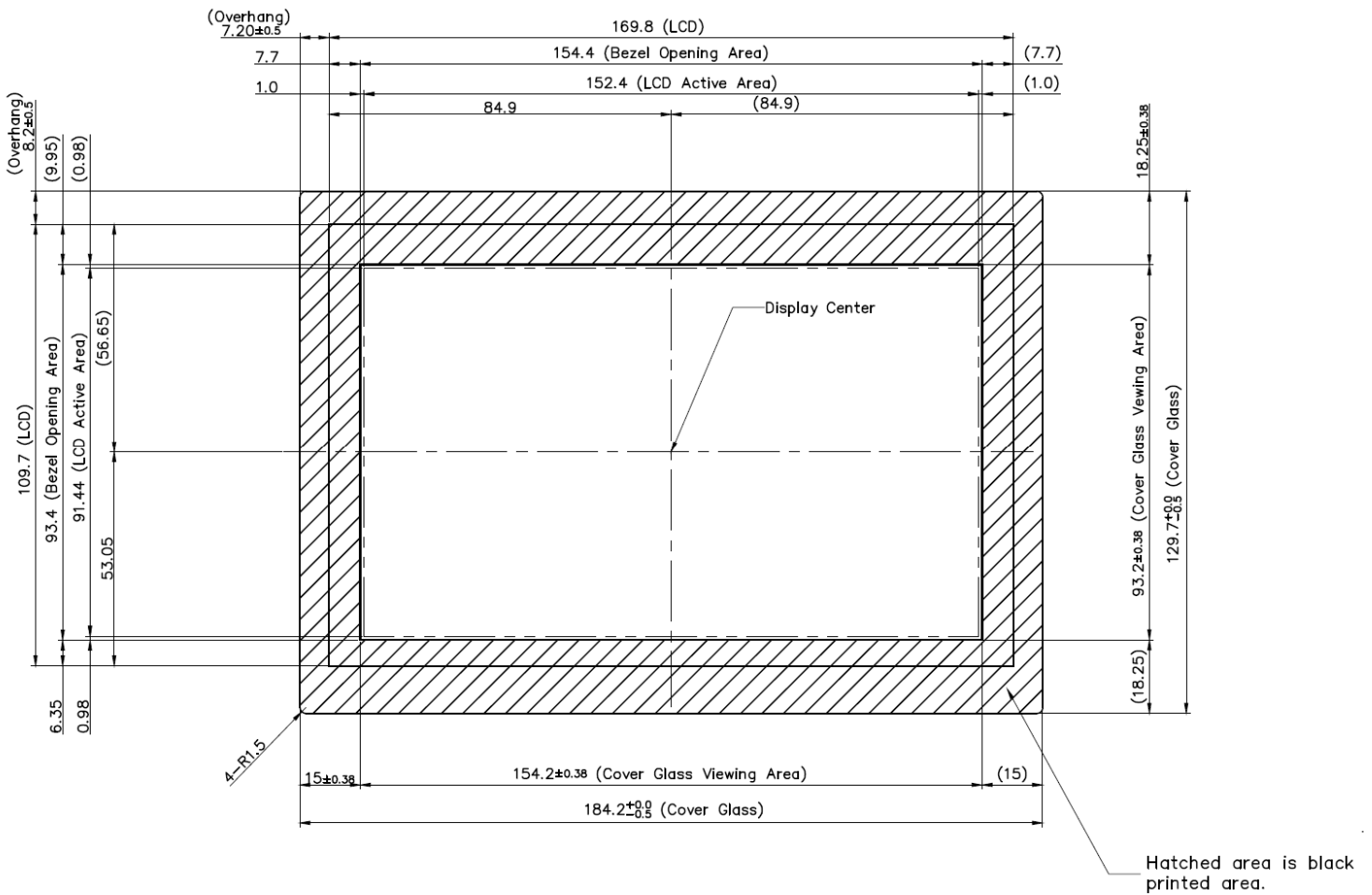
For more information call 734-416-8500 or visit our website at [www.kyocera-display.com](http://www.kyocera-display.com)

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**Mechanical Overview:**



**Design Accessories: Kyocera offers the following development solutions to support your complete design requirements.**

| Part Numbers       | Description   |
|--------------------|---|
| KDA-0700B-18053S-A | 7.0" On-Cell Display with Optically Bonded Cover Glass                                  |
| TKL-0700B-18053-A  | KDA-0700B-18053S-A + graphic driver board + VGA & DVI Interface Cables and Power Supply |
| OAI-80038AA-2008-A | LVDS & Backlight Cable, available separately  |
|                    |   |

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