

## **Kyocera Part Number : KDA-070OB-18052S-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 including factory warranty and many options to customize for your requirements.

### **Solution Overview:**

| <b>T-55785GD070J-LW-AGN</b>                 | <b>Specification</b>                                  |
|---------------------------------------------|-------------------------------------------------------|
| Resolution / Pixel Configuration            | 800 x 480                                             |
| Outline Dimensions (W x H x D mm) ( module) | 169.8(W)×109.7(H)×9.7(D)                              |
| Backlight Lifetime ( hours)                 | 70,000 hrs (typ.)                                     |
| Luminance (Cd/m <sup>2</sup> )              | 1000 cd/m <sup>2</sup> *before touch panel is applied |
| Contrast Ratio ( CR>10)                     | 750:1                                                 |
| Electrical Interface                        | LVDS                                                  |
| Viewing Angle (CR ≥ 10)                     | H: -85 ~85° ; V: -85~85°                              |
| Temperature Range                           | Operating: -30 ~ 80° C; Storage: -30 ~ 80° C          |

| <b>PCAP Touch Screen Performance</b> | <b>Specification</b> |
|--------------------------------------|----------------------|
| # of touches                         | 5                    |
| Controller Interface                 | USB or I2C           |
| Controller                           | External             |
| Cover Glass                          | 1.1mm, Clear         |

Additional design accessories and tools available on second page.

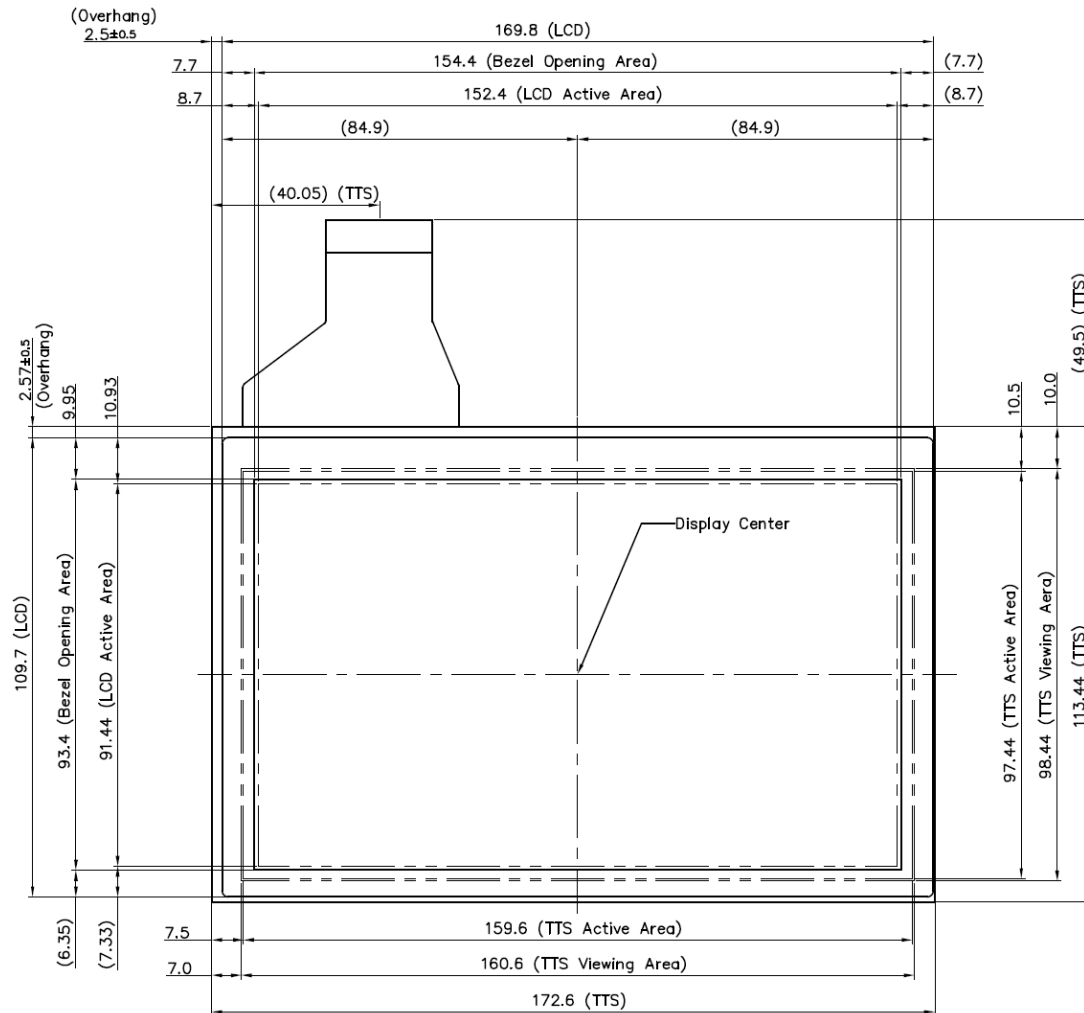
For more information call 734-416-8500 or visit our website at [www.kyocera-display.com](http://www.kyocera-display.com)

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### Mechanical Overview:



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

| Part Numbers       | Description                                                                             |
|--------------------|-----------------------------------------------------------------------------------------|
| KDA-070OB-18052S-A | 7.0" WXGA Display + OB+ PCAP+Controller                                                 |
| TKL070WOB-18052-A  | KDA-070OB-18052S-A + graphic driver board + VGA & DVI Interface Cables and Power Supply |
| OAI-80038AA-2008-A | Single cable solution, LVDS and Backlight cable available separately                    |

Kyocera provides full factory warranty.

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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