

**Kyocera Part Number: KDA-121OB-18079S-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:**

| TCG121WXLPA-PNN-AN20                        | Specification                                  |
|---------------------------------------------|------------------------------------------------|
| Resolution / Pixel Configuration            | 1280 x 800                                     |
| Outline Dimensions (W x H x D mm) ( module) | 277.7(W)×(182.5)(H)×9.8(D)                     |
| Backlight Lifetime ( hours)                 | 50,000 hrs (typ.)                              |
| Luminance (Cd/m <sup>2</sup> )              | 500 cd/m <sup>2</sup> *before touch is applied |
| Contrast Ratio ( CR>10)                     | 750:1                                          |
| 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                  | 5             |
| Controller Interface          | USB or I2C    |
| Controller                    | External      |
| Cover Glass                   | 1.1mm, Clear  |

Additional design accessories and tools available on second page.

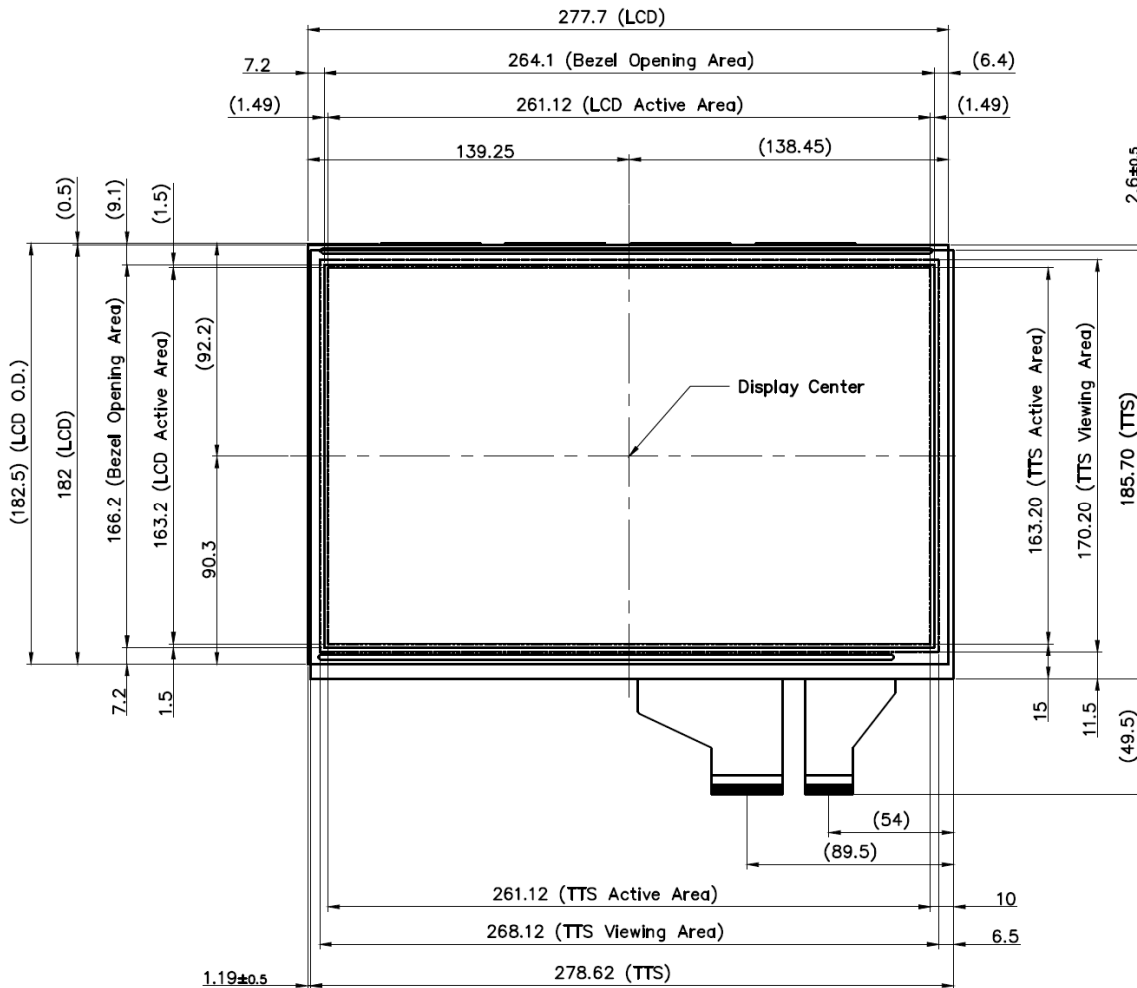
For more information call 734-416-8500 or visit our website at [www.kyocera-display.com](http://www.kyocera-display.com)

Kyocera International, Inc. Display Division

46723 Five Mile Road, Plymouth, MI 48170 TEL: 734-416-8500 FAX: 734-416-8520



## Mechanical Overview:



## Design Accessories: Kyocera offers the following development solutions to support your

| Part Numbers       | Description                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| KDA-121OB-18079S-A | 12.1" TFT with Optically Bonded PCAP + Controller + Cable                                                                           |
| TKL-121WOB-18079-A | KDA-121OB-18079S-A + graphic driver board + LVDS Interface Cable and Backlight Cables + VGA & DVI Interface Cables and Power Supply |
| OAI-80038AA-2010-A | LVDS Cable, available separately                                                                                                    |
| OAI-80038AA-2012-A | 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)

Kyocera International, Inc. Display Division

46723 Five Mile Road, Plymouth, MI 48170 TEL: 734-416-8500 FAX: 734-416-8520

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

KYOCERA:

[KDA-121OB-18079S-A](#) [TKL-121WOB-18079-A](#)