

## Kyocera Part Number: **KDA-121OB-18056S-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:

TCG121XGLPAPNN-AN40	Specification
Resolution / Pixel Configuration	1024 x 768
Outline Dimensions (W x H x D mm) ( module)	260.5 x 203 x 10.2*
Backlight Lifetime ( hours)	70,000 hrs (typ.)
Luminance (Cd/m <sup>2</sup> )	1200 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: -30 ~ 80° 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.

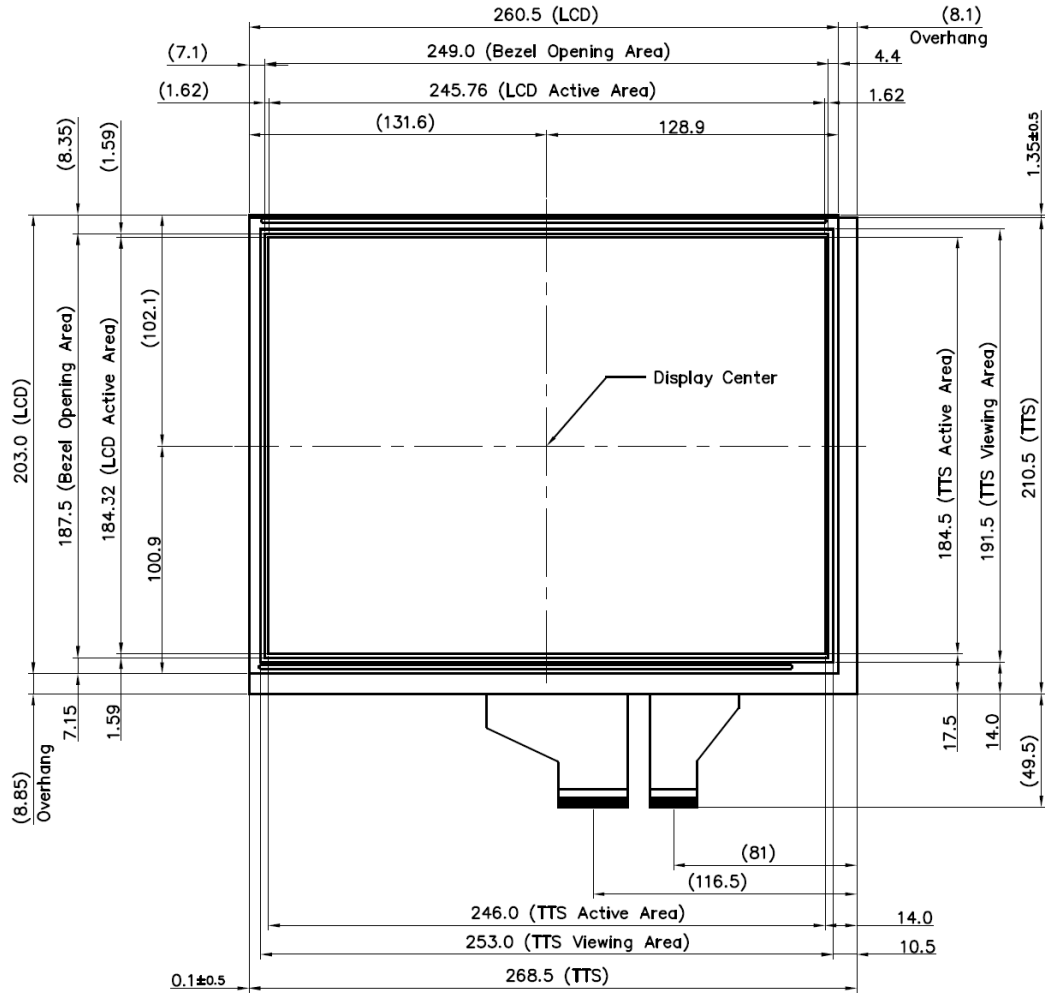
For more information call 734-416-8500 or visit our website at [www.kyocera-display.com](http://www.kyocera-display.com)

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 complete design requirements.

Part Numbers	Description
KDA-121OB-18056S-A	12.1" XGA Display + OB+ PCAP+Controller
TKL-121XOB-18056-A	KDA-121OB-18056S-A + graphic driver board + VGA & DVI Interface Cables and Power Supply
OAI-80038AA-2009-B	LVDS Cable, available separately
OAI-80038AA-2013-A	Backlight Cable, available separately

Kyocera provides full factory warranty.

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