



7.0" TFT with On-Cell PCAP & Optical Bonded Cover Glass

Kyocera Part Number: KDA-070OB-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 ²)	500 cd/m ²
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.

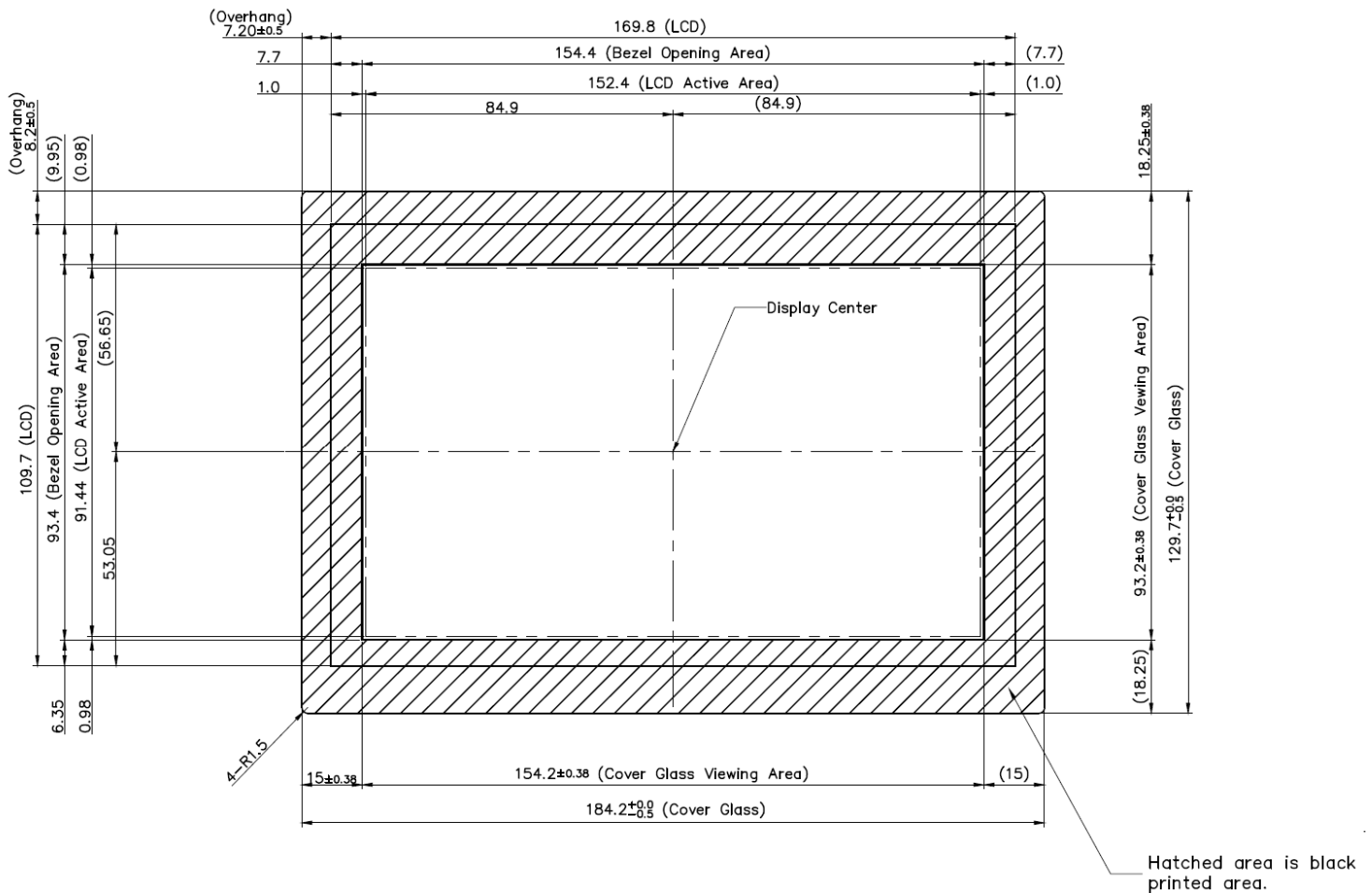
For more information call 734-416-8500 or visit our website at www.kyocera-display.com

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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-18053S-A	7.0" On-Cell Display with Optically Bonded Cover Glass
TKL-070OB-18053-A	KDA-070OB-18053S-A + graphic driver board + VGA & DVI Interface Cables and Power Supply
OAI-80038AA-2008-A	LVDS & Backlight Cable, available separately

For more information call 734-416-8500 or visit our website at www.kyocera-display.com

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