DISEA ELECTRONICS

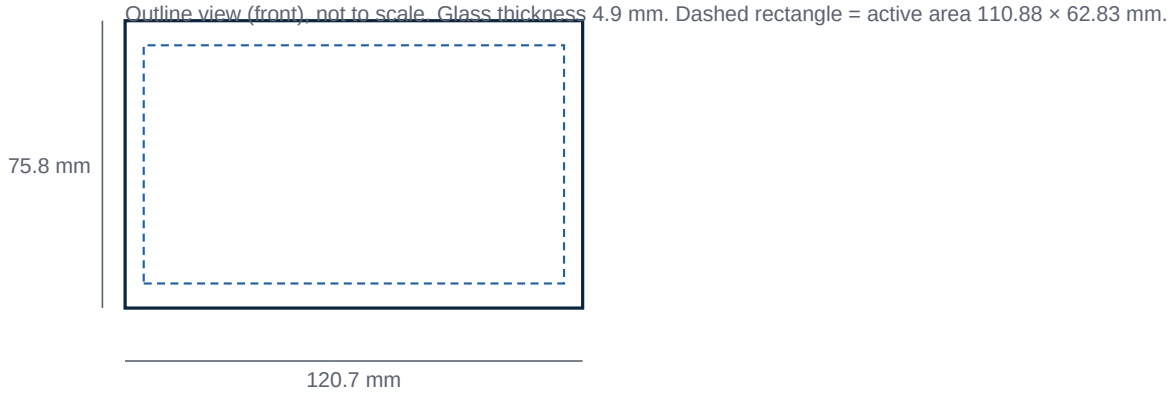
Industrial TFT LCD Module · www.odmlcd.com

DS-T050BPH-14P

5.0″ 480x272 TN TFT LCD Module

Panel type	TN
Size (inch)	5.0
Resolution (pixels)	480x272
Active area (mm)	110.88x62.83
Outline dims W×H×T (mm)	120.70x75.80x4.90
Brightness (cd/m²)	300
Interface	RGB 24bit 40PIN
Driver IC	HX8257A
Touch screen	RTP
Bonding (CTP)	Air Bonding
Operating temp. (°C)	-20 to 70
Storage temp. (°C)	-30 to 80

Outline drawing



Customization

FPC pin-out, backlight, cover lens, touch, interface and shape can be customized (OEM/ODM, MOQ 500 pcs). Compatible replacements for Mitsubishi / Innolux / AUO / BOE legacy panels are available — send us your panel number for cross-reference.

Disea Electronics Co., LTD · HQ Shenzhen · Factory Zhaoqing, Guangdong, China · 23,700 m² · ISO 9001:2015 (TÜV) · Contact: louis@diseaelec.com

Preliminary datasheet generated from standard model specifications (2026-09). Values are typical, not for tooling; request the formal approval drawing before mechanical design.