



Phoenix Display International, Inc.

PRODUCT PREVIEW

3.9" 128 X 128 Monochrome

TN/STN

Graphics
Liquid Crystal Display

Small Size Graphics

The PDIG-12812850C(R)-VA is Monochrome with a 128 x 128 resolution. All our graphic displays products can be modified to add touch panels or removed upon request (there may or may not be tooling associated with touch-panel changes)

Product Application(s)

The products usage:

- Testing and Measurement
- Hand Held mobile
- Communication
- Military
- Consumer Devices

SPECIFICATIONS

MODULE

Part Number	PDIG-12812850C(R)-VA
Overall Dimensions	92.0mm x 106.0mm x 15.0mm
Power Supply	5.0V
Backlight System	White LED
Display Type	STN, Negative, Transmissive
Format	128 x 128
Active Area	70.35mm x 70.35mm
Dot Size	0.5mm x 0.5mm
Pixel Pitch	0.05mm x 0.05mm
Operating Temperature	-20°C to 70°C
Driver Attach	COB
Brightness	
Controller	SAP1024B/SDN8080G





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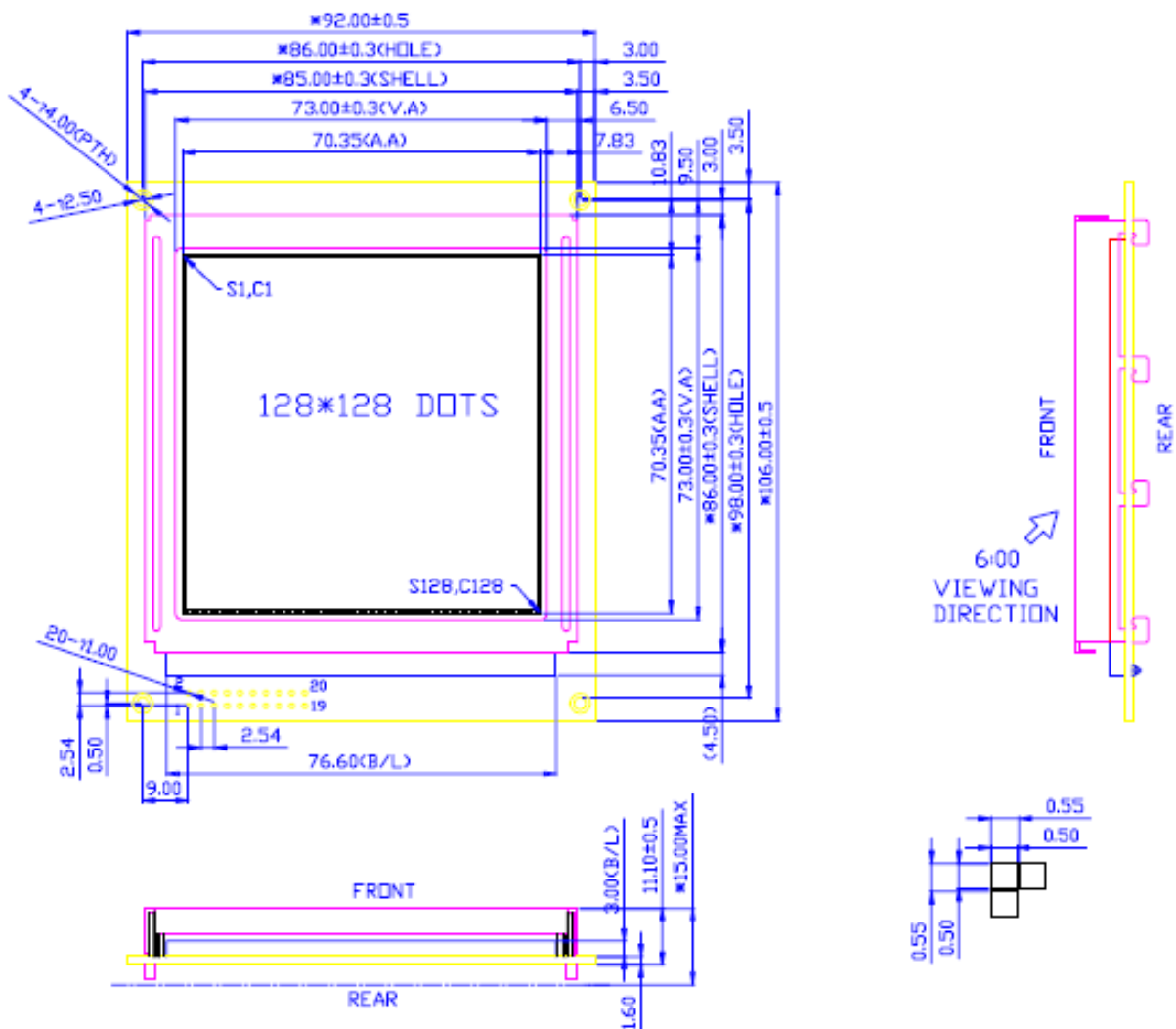
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DIMENSIONAL DRAWING



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PIN ASSIGNMENT

PIN NO.	SYMBOL	DESCRIPTION
1	VO	POWER SUPPLY FOR LC DRIVING
2	VSS	GROUND
3	VDD	POWER SUPPLY FOR LOGIC(+5.0V)
4	VEE	Negative voltage output
5	/WR	L=DATA WRITE
6	/RD	L=DATA READ
7	/CE	L=CHIP ENABLE
8	C/D	H=COMMAND (WRITE) OR STATUS (READ) L=DISPLAY DATA
9	/RST	L=CONTROLLER RESET
10-17	D0-D7	DATA BUS
18	FS	FONT SELECT. H=6*8 PIXELS/CHARACTER;L=8*8 PIXELS/CHARACTER
19	A	LED+
20	K	LED-

