



*Phoenix Display International, Inc.*

# PRODUCT PREVIEW

## 1.8" 128 X 64 Monochrome

# TN/STN

Graphics  
Liquid Crystal Display

### Small Size Graphics

The PDIG-12864R1G(R)-VM is Monochrome with a 128 x 64 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-12864R1G(R)-VM         |
| Overall Dimensions    | 120.2mm x 62.0mm x 11.0mm   |
| Power Supply          | 3.3V                        |
| Backlight System      | Amber LED                   |
| Display Type          | STN, Postive, Transflective |
| Format                | 128 x 64                    |
| Active Area           | 66.52mm x 33.24mm           |
| Dot Size              | 0.48mm x 048mm              |
| Pixel Pitch           | 0.04mm x 0.04mm             |
| Opertaing Temperature | -20°C to 70°C               |
| Driver Attach         | COG                         |
| Brightness            |                             |
| Controller            | ST7565P                     |





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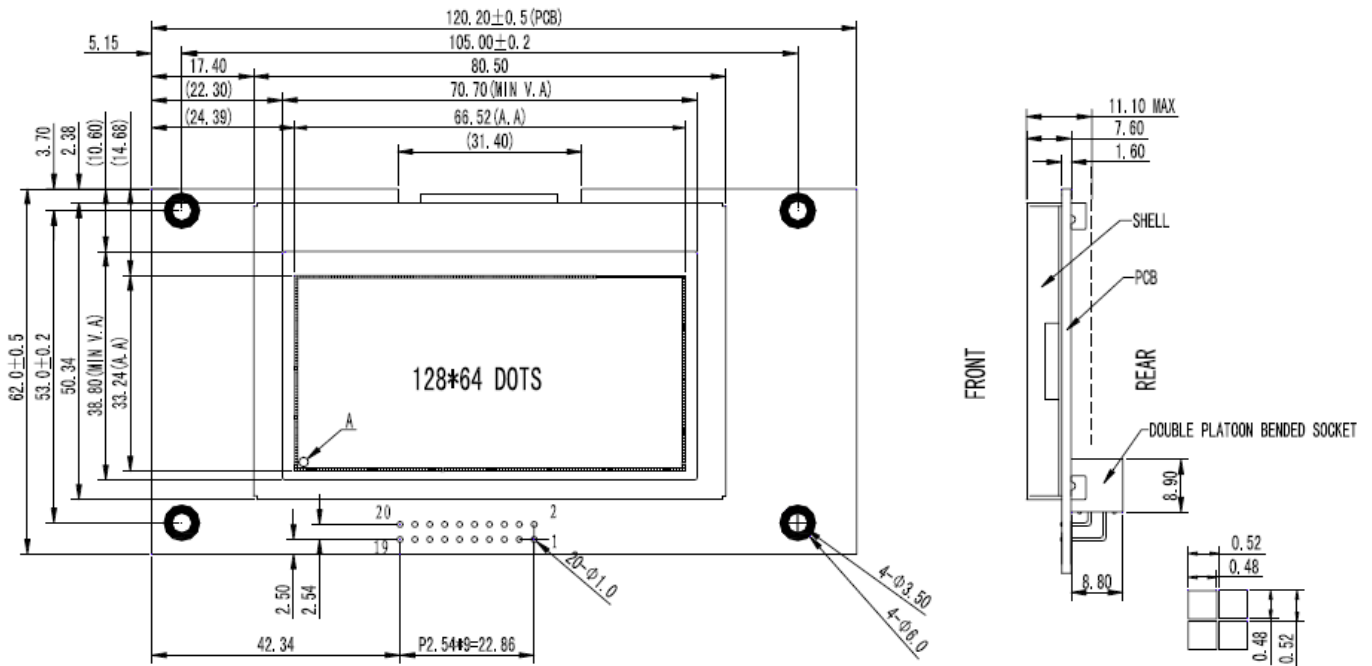
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### DIMENSIONAL DRAWING



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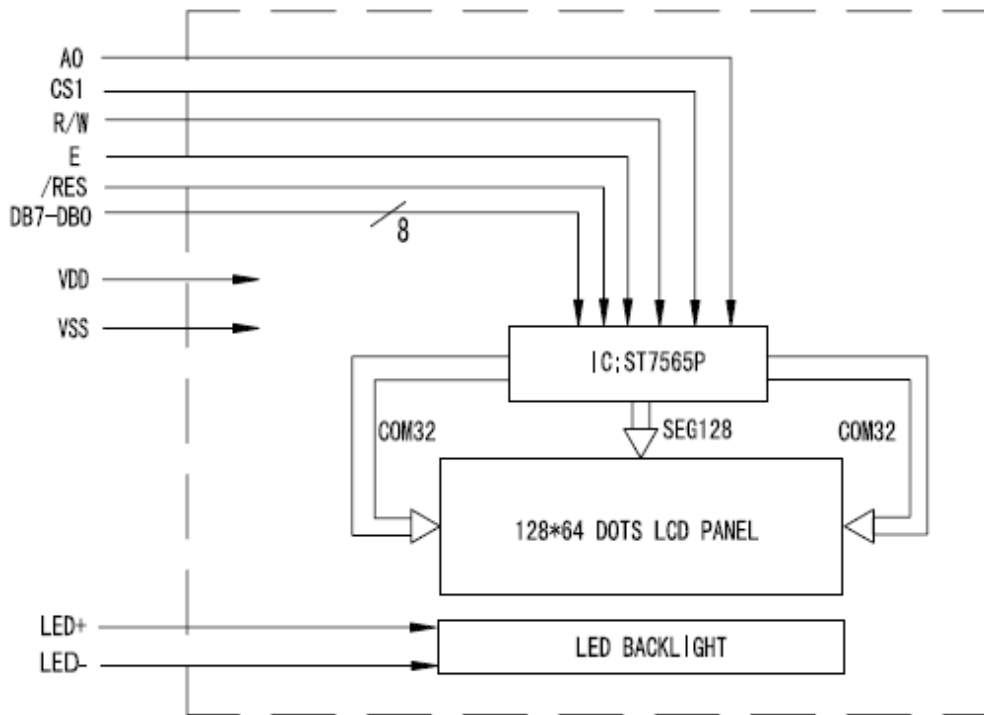
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### PIN ASSIGNMENT



| PIN  | SYMBOL  |
|------|---------|
| 1    | VSS     |
| 2    | VDD     |
| 3    | NC      |
| 4    | A0      |
| 5    | R/W     |
| 6    | CS1     |
| 7-14 | DB0-DB7 |
| 15   | E       |
| 16   | NC      |
| 17   | /RES    |
| 18   | NC      |
| 19   | LED+    |
| 20   | LED-    |

