



*Phoenix Display International, Inc.*

# PRODUCT PREVIEW

## 5.9" 240 X 128 Monochrome

# TN/STN

Graphics  
Liquid Crystal Display

### Small Size Graphics

The PDIG-24012816C(R)-VA is Monochrome with a 240 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
- Industrial
- Medical

## SPECIFICATIONS

### MODULE

Part Number	PDIG-24012816C(R)-VA
Overall Dimensions	180mm x 10.0mm x 10.5mm
Power Supply	5.0V
Backlight System	
Display Type	STN, Positive, Transflective
Format	240 x 128
Active Area	131.98mm x 70.38mm
Dot Size	0.53mm x 0.53mm
Pixel Pitch	0.02mm x 0.02mm
Operating Temperature	-20°C to 70°C
Driver Attach	COB
Brightness	
Controller	SCN6400G/SCN0080G





*Phoenix Display International, Inc.*

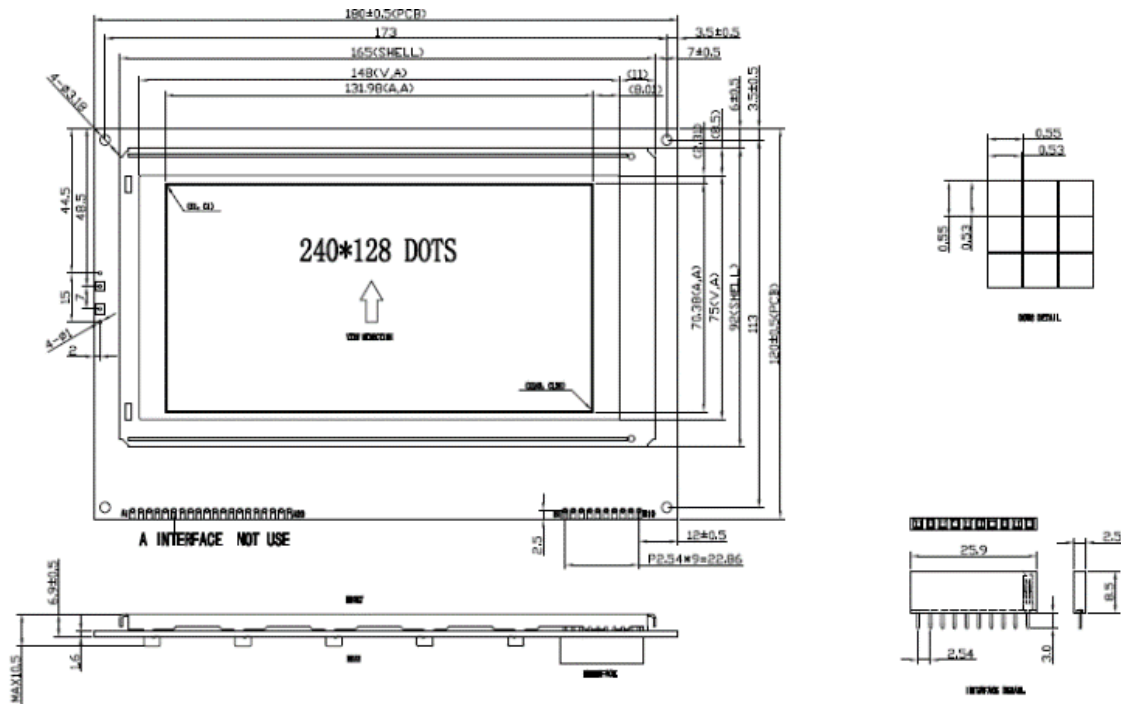
# PRODUCT PREVIEW

## 5.9" 240 X 128 Monochrome

# TN/STN

Graphics  
Liquid Crystal Display

### DIMENSIONAL DRAWING



Phoenix Display International reserves the right to change this document without prior notice and disclaims all warranties. It is the recipient's duty to confirm with PDI before proceeding with a design. This document is PDI confidential and should not be reproduced without PDI approval.



Phoenix Display International, Inc.  
www.phoenixdisplay.com sales@phoenixdisplay.com  
Tel: (630) 359-5700



*Phoenix Display International, Inc.*

# PRODUCT PREVIEW

## 5.9" 240 X 128 Monochrome

# TN/STN

Graphics  
Liquid Crystal Display

### PIN ASSIGNMENT

Pin No.	Symbol	Description
B1	SD1	Display data serial output for the upper screen
B2	FLM	Frame signal
B3	M	Alternate signal for lcd driver
B4	LOAD	Display data latch signal
B5	CP	Data shift pulse
B6	SD2	Display data serial output for the lower screen
B7	VDD	Power Supply Logic (5.0V)
B8	VSS	Ground
B9	VLCD	Power Supply input for lcd drive (-20V)
B10	VADJ	LCD contrast adjustment

