

# PRODUCT PREVIEW

## 5.7" 320 x 240 TFT

**TFT**

Liquid Crystal Display

### Small Size TFT

The PDI0570MZG is a TFT with 320 x 240 resolution. This product offers improved contrast, color saturation and response time over CSTN products.

### Increased Display Brightness

Display Brightness is a key factor for design engineers when selecting a display that must vividly show images and alphanumeric data. The TFT cell is manufactured using high aperture panel technology, high transmittance color filters and high transmission polarizers. The result is a clear and extremely bright display.

## SPECIFICATIONS

### MODULE

Part Number	PDI0570MZG
Overall Dimensions	126.00(w) x 101.55(h) x 5.70(d)
Backlight System	LED
Display Type	a-Si TFT
Format	320(RGB) x 240
Display Mode	Transmissive, Normally White
Active Area	115.25(w) x 86.40(h)
Viewing Cone	65 / 65 / 50 / 55 (T, B, L, R)
Contrast Ratio	200:1
Operating Temperature	-20° to 70°C
Interface	24 bit RGB
Brightness	1000 nits



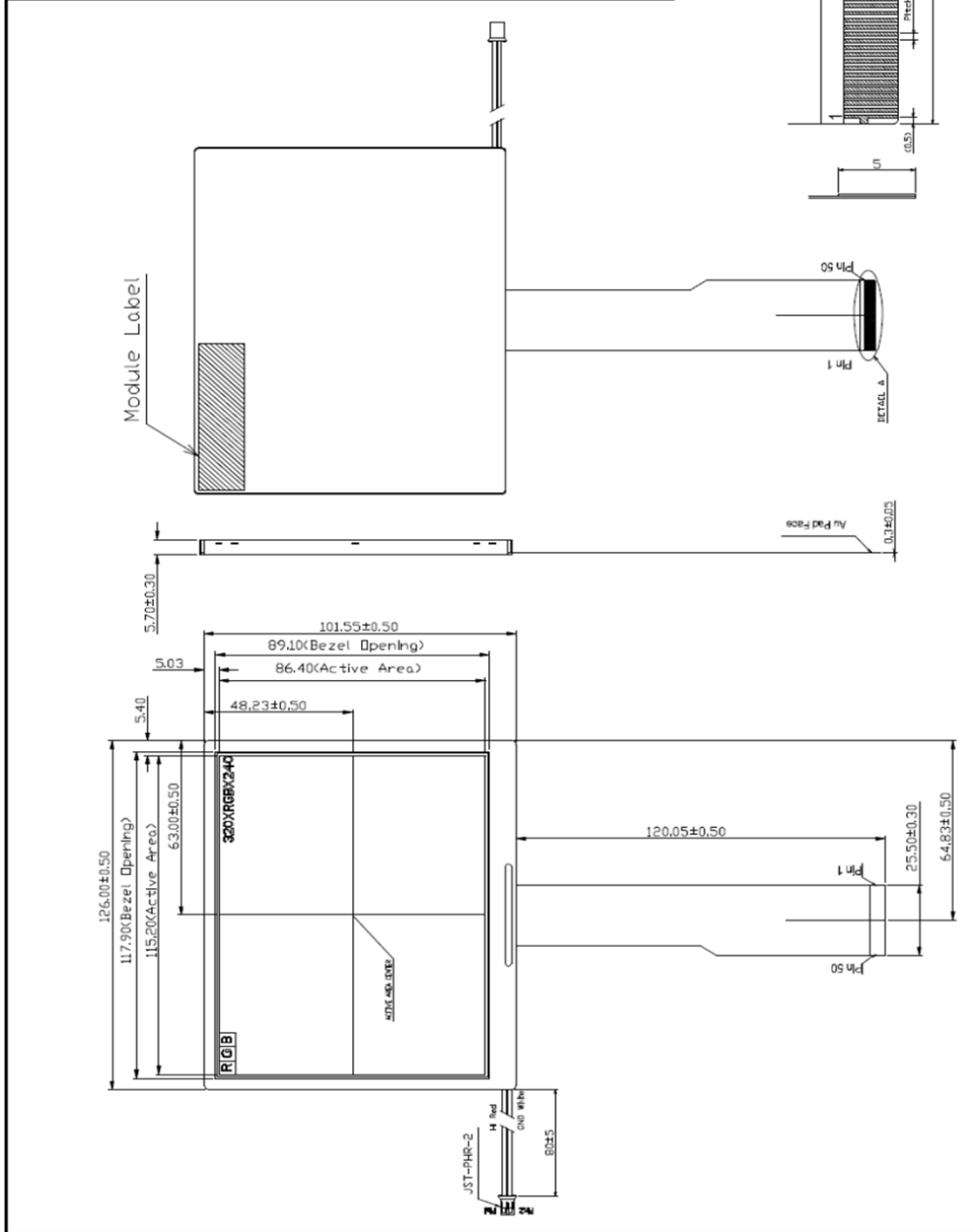
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PIN	Symbol	Symbol	PIN	Symbol	Symbol
1	IF1	R2	26	R2	
2	IF2	R3	27	R3	
3	PDL	R4	28	R4	
4	RESET	R5	29	R5	
5	SPENA	R6	30	R6	
6	SPCL	R7	31	R7	
7	SPDA	Hsync	32	Hsync	
8	R0	Vsync	33	Vsync	
9	B1	Data CLK	34	Data CLK	
10	R2	AVDD	35	AVDD	
11	R3	AVDD	36	AVDD	
12	B4	VDD	37	VDD	
13	B5	VDD	38	VDD	
14	B6	NPC	39	NPC	
15	B7	VGL	40	VGL	
16	G0	VGL	41	VGL	
17	G1	UD	42	UD	
18	G2	VGH	43	VGH	
19	G3	LRC	44	LRC	
20	G4	GND	45	GND	
21	G5	VCOM	46	VCOM	
22	G6	VCOM	47	VCOM	
23	G7	ENB	48	ENB	
24	R0	GND	49	GND	
25	R1	GND	50	GND	



DRAWN BY:	TITLE:	0570MZG	SCALE:	UNIT:	mm
CHECKED BY:	DWG NO:				
APPROVED BY:	DWG NAME:				
CONFIRMED BY:	SHEET NO:				OF

- NOTES:
- 1.DISPLAY TYPE: a-Si TFT
  - 2.DISPLAY MODULE: Transmissive, Normally white
  - 3.OPERATING TEMP: -20° C---+70° C
  - 4.STORAGE TEMP: -30° C---+80° C
  - 5.Backlight: LED
  6. RoHS Compliant

