

Phoenix Display International, Inc.

PRODUCT PREVIEW

320x 240 Monochrome

TN/STN

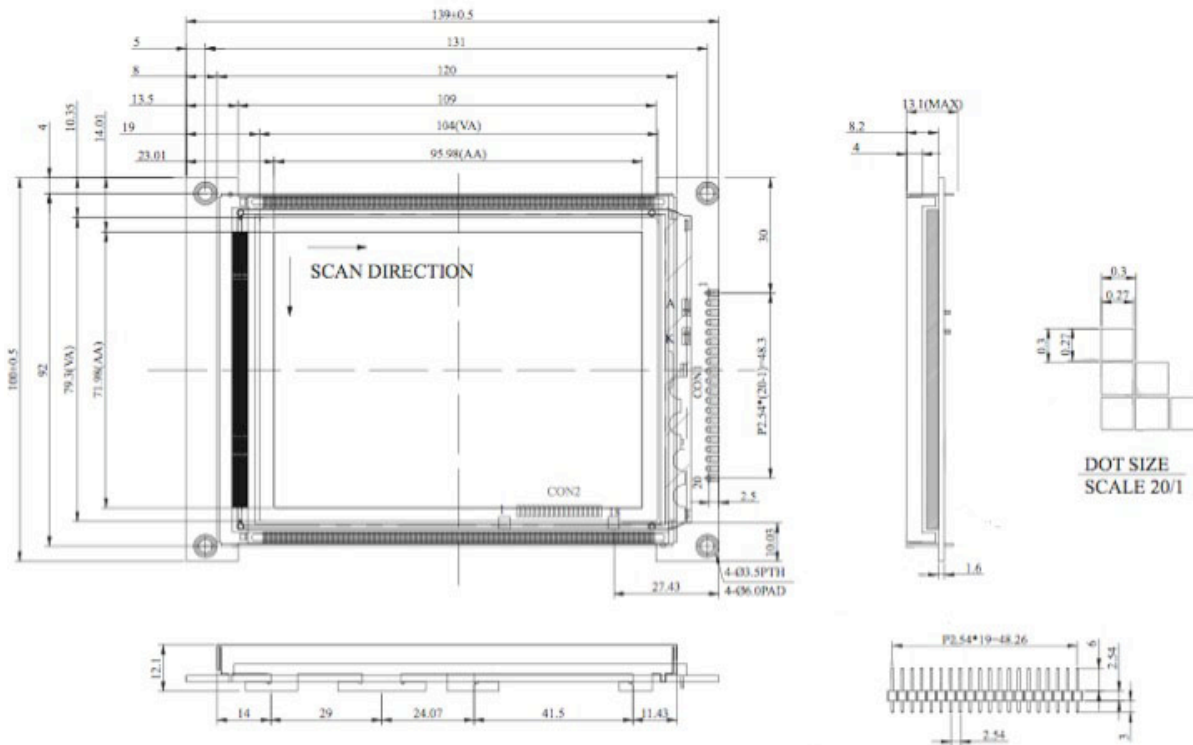
Graphics
Liquid Crystal Display

SPECIFICATIONS

MODULE

Part Number	PDI3202400-TFH-VZ
Display Format	320 x 240 Graphic Display
Module Size	139.0 x 100.0 x 13.1
Diagonal	4.70
Active Area	99.0 x 72.0
Pixel Pitch	0.300 x 0.300
Backlight System	LED
Display Type	R,TF,TM
Glass Type	STN,FSTN

1.0 DIMENSIONAL DRAWING



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3.0 ELECTRICAL CHARACTERISTICS

Standard Value

Item	Symbol	Condition (degrees C)	min.	typ.	max.	Unit
Input Voltage	VDD	---	---	5	5.5	V
Supply Current	IDD	VDD=5V	52.2	52.4	52.8	mA
Recommended LC Driving Voltage for Normal Temp. Version Module	VDD-V0	-20	---	---	26.1	V
Recommended LC Driving Voltage for Normal Temp. Version Module	VDD-V0	25	---	23.8	---	V
Recommended LC Driving Voltage for Normal Temp. Version Module	VDD-V0	50	20.9	---	---	V
LED Forward Voltage	VF	25	---	5	5.5	V
LED Forward Current	IF	25	---	80	---	mA
EL Power Supply Current	IEF	VeL=110VAC;400Hz	---	---	---	mA

4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5	5.25	V
Input Voltage	VI	-0.3	---	VDD +0.3	V

5.0 PIN ASSIGNMENT

Pin No.	Symbol	Pin No.	Symbol
1	GNN	11	DB2
2	VCC	12	DB3
3	V0	13	DB4
4	WR	14	DB5
5	RD	15	DB6
6	CS	16	DB7
7	A0	17	NC
8	RES	18	VEE
9	DB0	19	A
10	DB1	20	K

