

Phoenix Display International, Inc.

PRODUCT PREVIEW

320x 240 Monochrome

TN/STN

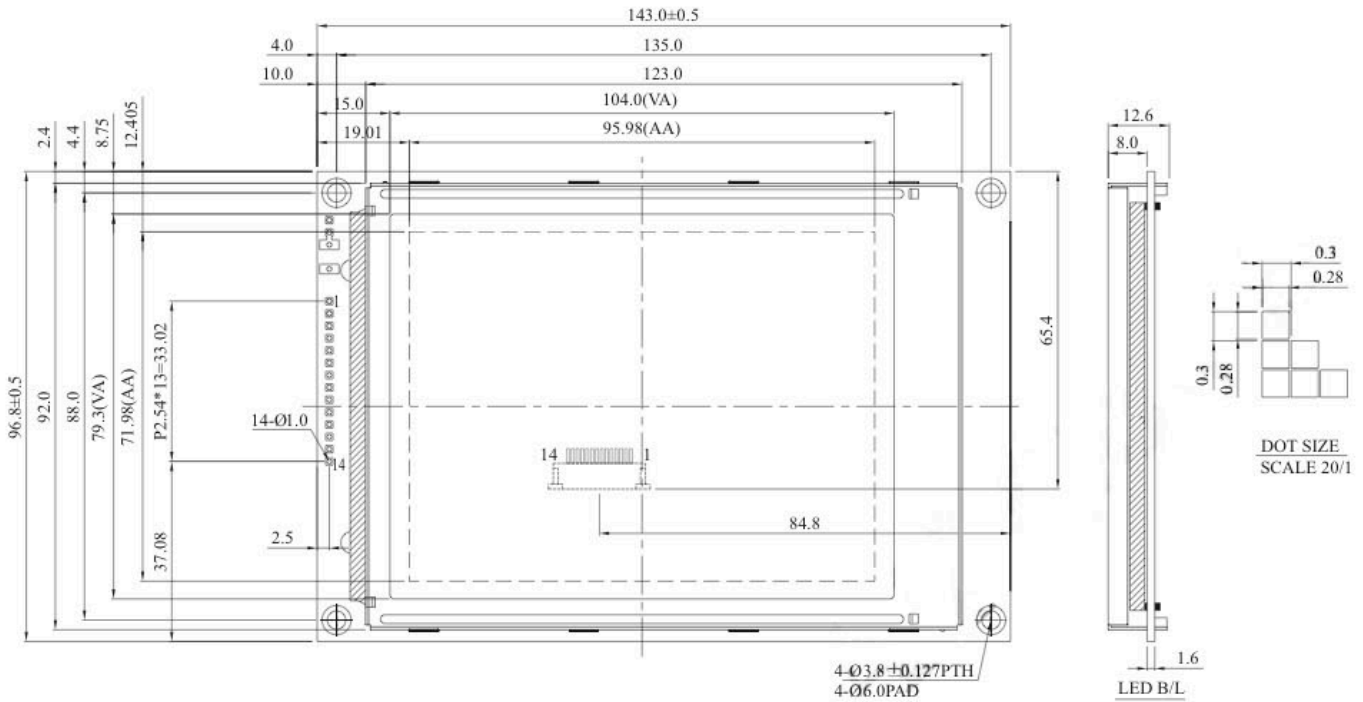
Graphics
Liquid Crystal Display

SPECIFICATIONS

MODULE

Part Number	PDI320240E-TFH-VZ#
Display Format	320 x 240 Graphic Display
Module Size	143.0 x 96.8 x 8.0
Diagonal	4.7
Active Area	95.98 x 71.98
Pixel Pitch	0.300 x 0.300
Backlight	LED
Display Type	R,TF,TM
Glass Type	STN,RSTN

1.0 DIMENSIONAL DRAWING



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3.0 ELECTRICAL CHARACTERISTICS

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

4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Condition (degrees C)	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	L level	0.7VDD	---	VDD	V
Input Voltage	VIO	H Level	0	---	0.3VDD	V
Supply Current	IDD	VDD=5V	---	10.0	15.0	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	70	20.9	---	---	V
CCFL Starting Voltage	VFLS	25	---	600	---	Vrms
CCFL Driving Voltage	VFLD	25	---	268	---	Vrms
CCFL Driving Current	IFLD	VFQ=450Vms 30KHZ	---	5.0	---	mArms

5.0 PIN ASSIGNMENT

Pin No.	Symbol	Pin No.	Symbol
1	FRAME	11	VSS
2	NC	12	VEE
3	LOAD	13	V0
4	CP	14	FG
5	DISPOFF		
6	D		
7	D1		
8	D2		
9	D3		
10	VDD		

