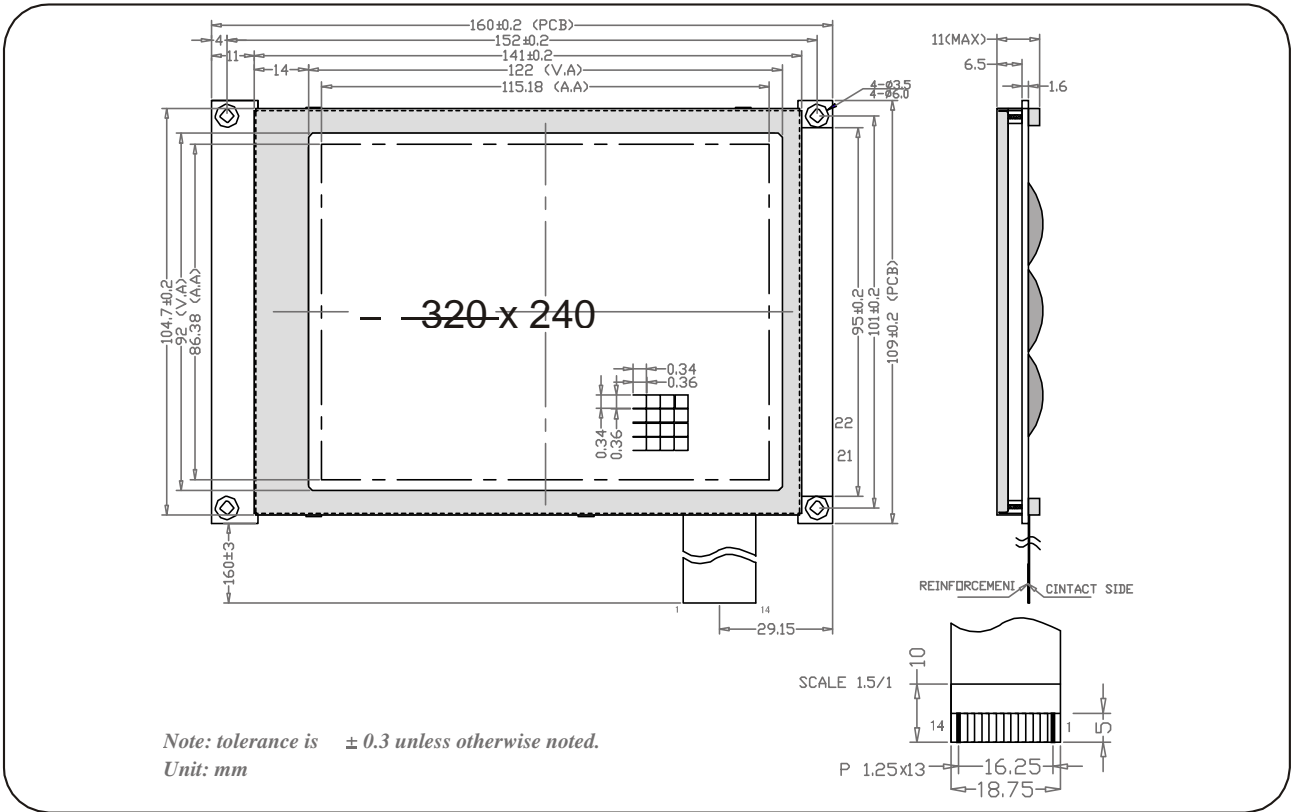


iLM637-320 SERIES

CHARACTERISTICS:

- DISPLAY CONTENT: 320 x 240 DOTS
- LCD TYPE: STN BLUE
- LED BACKLIGHT: WHITE
- CONTROLLER: NC
- OPERATING TEMPERATURE: NORMAL(0-50°C); WIDE(-20-70°C)
- POWER SUPPLY: 5.0V
- VIEWING ANGLE: 6H; 12H

DIMENSIONS/DISPLAY CONTENT



PIN CONFIGURATION

1	2	3	4	5	6	7	8
DB0	DB1	DB2	DB3	DISPOFF	FLM	NC	CL1
9	10	11	12	13	14	15	16
	VDD	VSS	VEE	V0	FGND	VLED	VLSS

LIMIT PARAMETER (Ta=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	VDD-VSS	0	5.5	V
LCD Voltage	VDD-V0	0	30	
Input Voltage	V1	0	VDD	

ELECTRONIC PARAMETER

Parameter	Symbol	Standard Values	Standard Values			Unit
			Typ.	Max	Min	
Voltage	Logic	VDD-VSS	4.75	5.0	5.25	V
	LCD	VDD-V0	4.0	20	30	V
Current	Logic	IDD	-	2.5	-	mA
	LCD	IEE	-	2.0	-	mA
LCD Drive Voltage(25°C)			-	20	-	V
Voltage(25°C)	V _H	V _{IH}	0.7V _{DD}	-	V _{DD}	V
	V _L	V _{IL}	0	-	0.3V _{DD}	V

APPLICATION CIRCUIT

