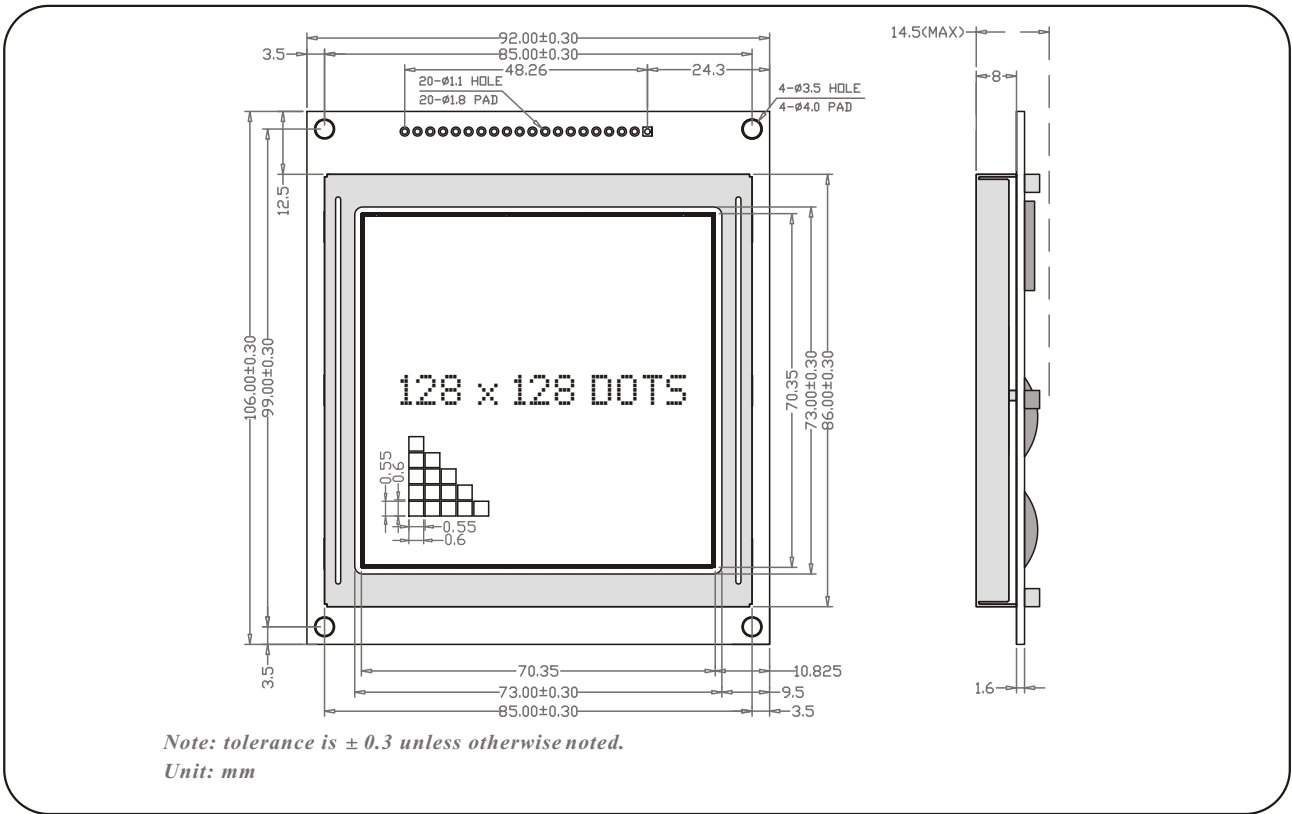


## CHARACTERISTICS:

- DISPLAY CONTENT: 128 × 128 DOTS
- LCD TYPE: STN Y/G
- LED BACKLIGHT: Y/G
- CONTROLLER: T6963C OR EQUAL
- 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	9	10
FG	Vss	VDD	Vo	WR	RD	CE	C/D	RST	DB0
11	12	13	14	15	16	17	18	19	20
DB1	DB2	DB3	DB4	DB5	DB6	DB7	FS	LEDA	LEDK

## LIMIT PARAMETER (Ta=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	VDD-VSS	0	7.0	V
LCD Voltage	VDD-V0	0	30	
Input Voltage	V1	0	VDD	

## ELECTRONIC PARAMETER

Parameter	Symbol	Standard Values			Unit	
		Min.	Typ.	Max		
Voltage	Logic	VDD-VSS	4.75	5.0	5.25	V
	LCD	VDD-V0	4.5	12	30	V
Current	Logic	IDD	-	2.5	-	mA
	LCD	IEE	-	2.0	-	mA
LCD Drive Voltage(25°C)			-	12	-	V
Input Voltage	H	VIH	0.7VDD	-	VDD	V
	L	VIL	0	-	0.3VDD	V

## APPLICATION CIRCUIT

