

■ CHARACTERISTICS:

DISPLAY CONTENT: 240 × 64 DOTS

LCD TYPE: STN Y/G、STN BLUE、FSTN

LED BACKLIGHT: Y/G、GREEN、WHITE

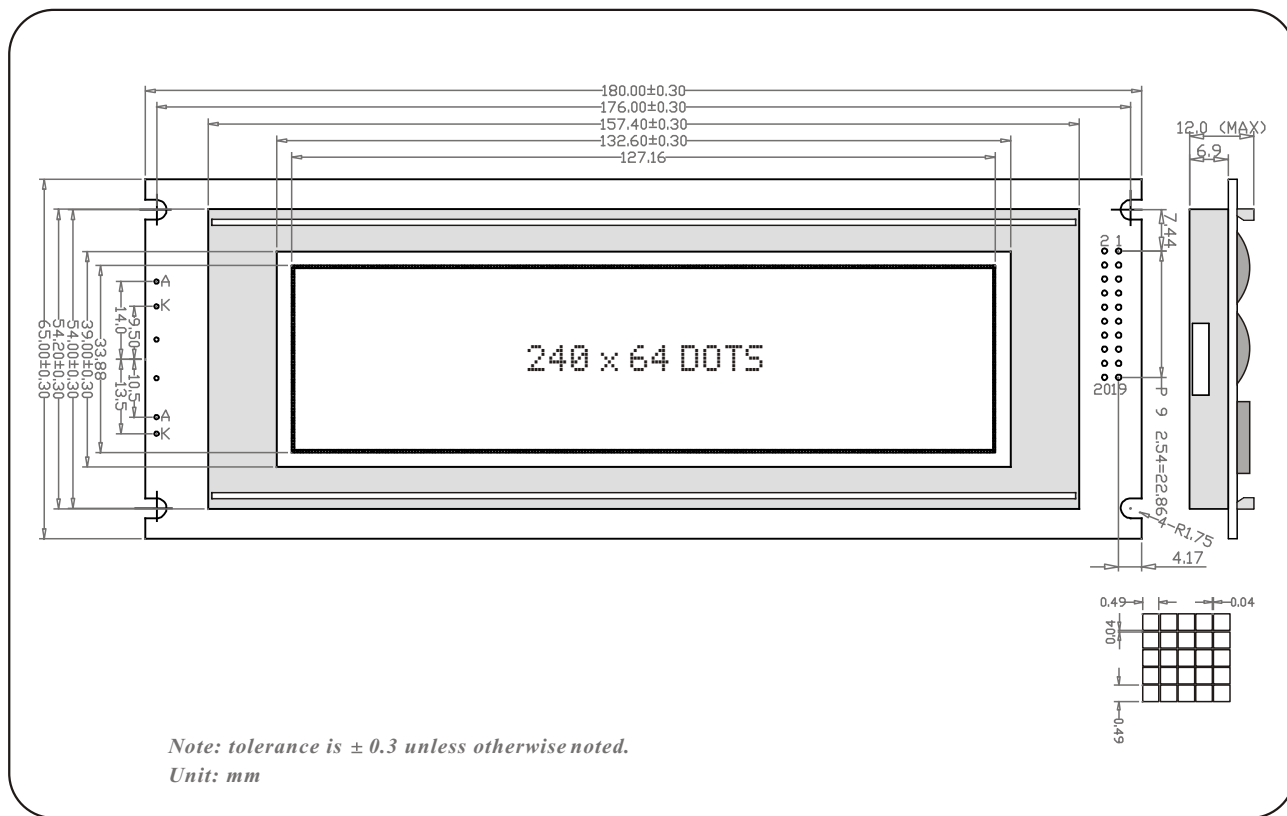
CONTROLLER: T6963C OR EQUAL

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
Vss	Vss	VDD	V ₀	R/W	RD	CE	C/D	NC	RST
11	12	13	14	15	16	17	18	19	20
DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	FS	V _{EE}

■ LIMIT PARAMETER (Ta=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	VDD-Vss	0	7.0	V
LCD Voltage	VDD-V ₀	0	30	
Input Voltage	V ₁	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-V ₀	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	V _{IH}	0.7VDD	-	VDD	V
	L	V _{IL}	0	-	0.3VDD	V

■ APPLICATION CIRCUIT

