

■ CHARACTERISTICS:

DISPLAY CONTENT: 128 × 64 DOTS

LCD TYPE: FSTN

LED BACKLIGHT: NC、WHITE、BLUE

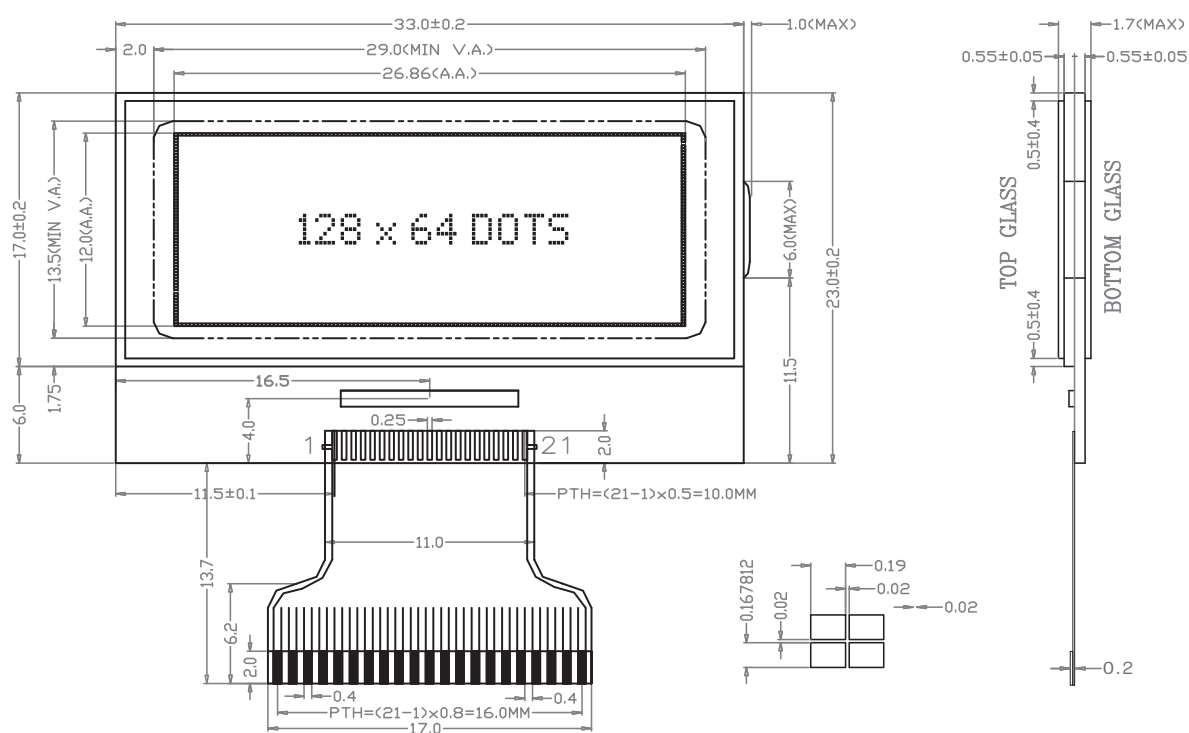
CONTROLLER: ST7565P COG OR EQUAL

OPERATING TEMPERATURE: NORMAL(0-50℃); WIDE(-20-70℃)

POWER SUPPLY: 3.3V

VIEWING ANGLE: 6H; 12H

■ DIMENSIONS/DISPLAY CONTENT



Note: tolerance is ± 0.3 unless otherwise noted.

Unit: mm

■ PIN CONFIGURATION

1	2	3	4	5	6	7	8	9	10	11
IRS	VR	V5	V4	V3	V2	V1	CAP4N	CAP2P	CAP2N	CAP1N
12	13	14	15	16	17	18	19	20	21	
CAP1P	CAP3N	V _{OUT}	V _{SS}	V _{DD}	SI	SCL	A0	/RES	/CS1	

■ LIMIT PARAMETER (T_a=25°C)

Parameter	Symbol	Standard Values		Unit
		Min.	Max	
Supply Voltage	V _{DD-VSS}	0	4.0	V
LCD Voltage	V _{DD-V0}	0	17	
Input Voltage	V ₁	0	V _{DD}	

■ ELECTRONIC PARAMETER

Parameter		Symbol	Standard Values			Unit
			Min.	Typ.	Max	
Voltage	Logic	VDD-VSS	2.4	3.3	4.0	V
	LCD	VDD-V0	8.0	9.0	17	V
Current	Logic	IDD	-	2.5	-	mA
	LCD	IEE	-	2.0	-	mA
LCD Drive Voltage(25℃)			-	9.0	-	V
Input Voltage	H	VIH	0.7VDD	-	VDD	V
	L	VIL	0	-	0.3VDD	V

■ APPLICATION CIRCUIT

