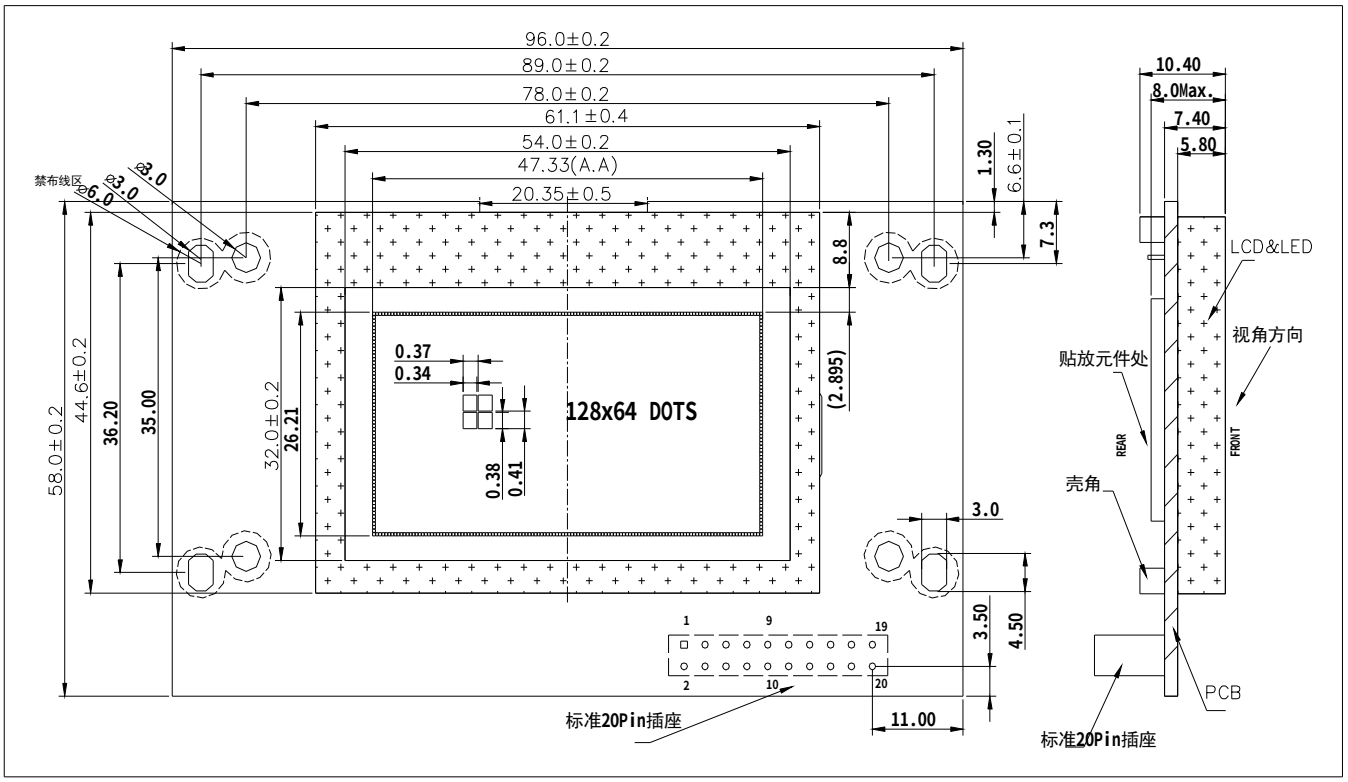
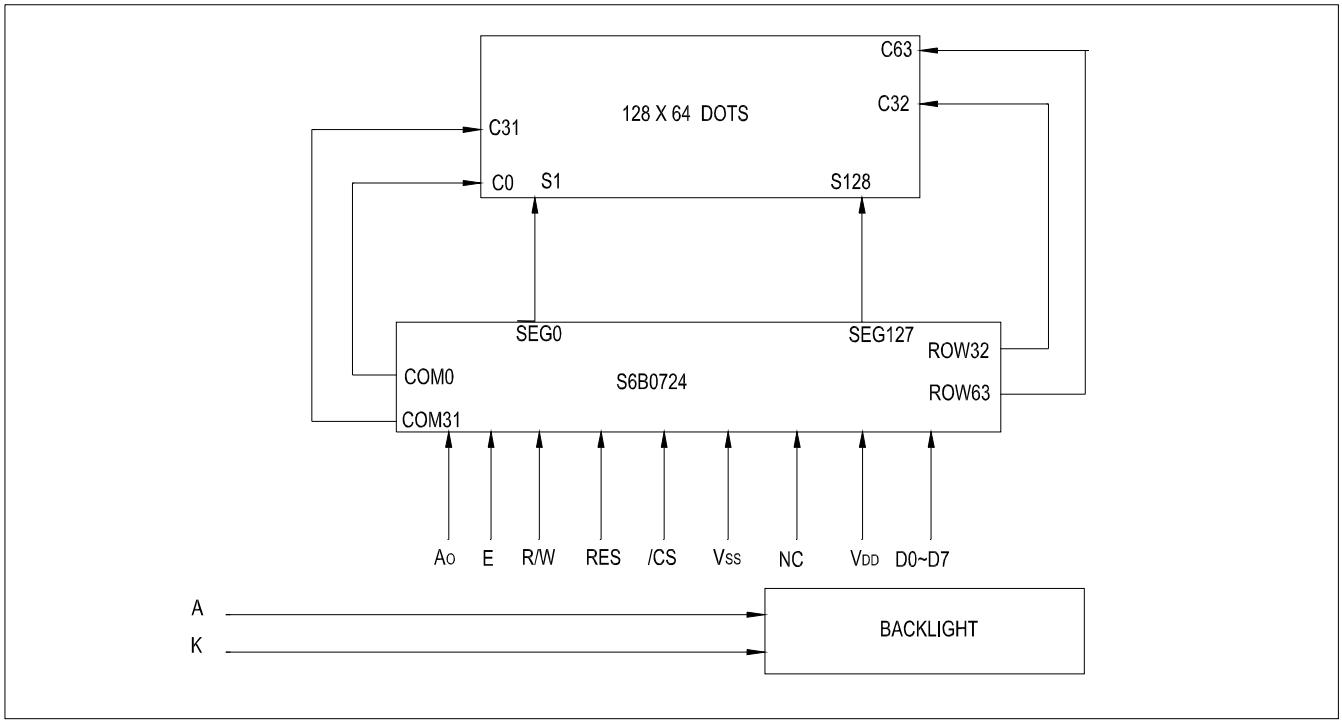
JYG-1286451G-VA

1/64 DUTY,1/9 BIAS
128×64 DOTS

1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM



3.0 ELECTRICAL CHARACTERISTICS Ta=25 ºC V_{DD}=5.0V±0.25V

Item	Symbol	Test Condition	Standard Value			
			Min.	Typ.	Max.	Unit
Power Supply Voltage	V_{DD}-V_{SS}	25°C	-	5.0	-	V
LCD Operation Voltage	V_{OP}		-	9.0	-	V
LCM Current Consumption	I_{DD}		-			mA
Backlight Forward Voltage	V_F		-	2.8	-	V

4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Test Condition	Standard Value		
			Min.	Max.	Unit
Supply Voltage (Logic)	V_{DD}-V_{SS}	25°C	-3.0	7.0	V
Supply Voltage (LCD)	V_{DD}-V_O		-3.0	17.0	V
Input Voltage	V_{IN}		-0.3	V_{DD}+0.3	V
Operating Temp.	T_{OPR}	-	0	55	°C
Storage Temp.	T_{STG}	-	-30	80	°C

5.0 PIN ASSIGNMENT

PIN No.	Symbol	Description
1	Ao	Register selection H: Display data ;L: Instruction
2	E	Enable signal
3	R/W	Read/Write selection H: Read L: Write
4	RES	Reset signal
5	CS	Chip select signal for IC
6	Vss	Power supply(GND)
7	NC	No connection
8	V_{DD}	Power supply
9-16	D0-D7	Data bus
17	LEDA	LED Back-light
18	LEDK	LED Back-light
19	NC	No connection
20	NC	No connection

Remark
1. LCD option: STN, FSTN .
2. customized module.
3. Backlight option: LED backlight feature, other specs not available on catalog is under request.