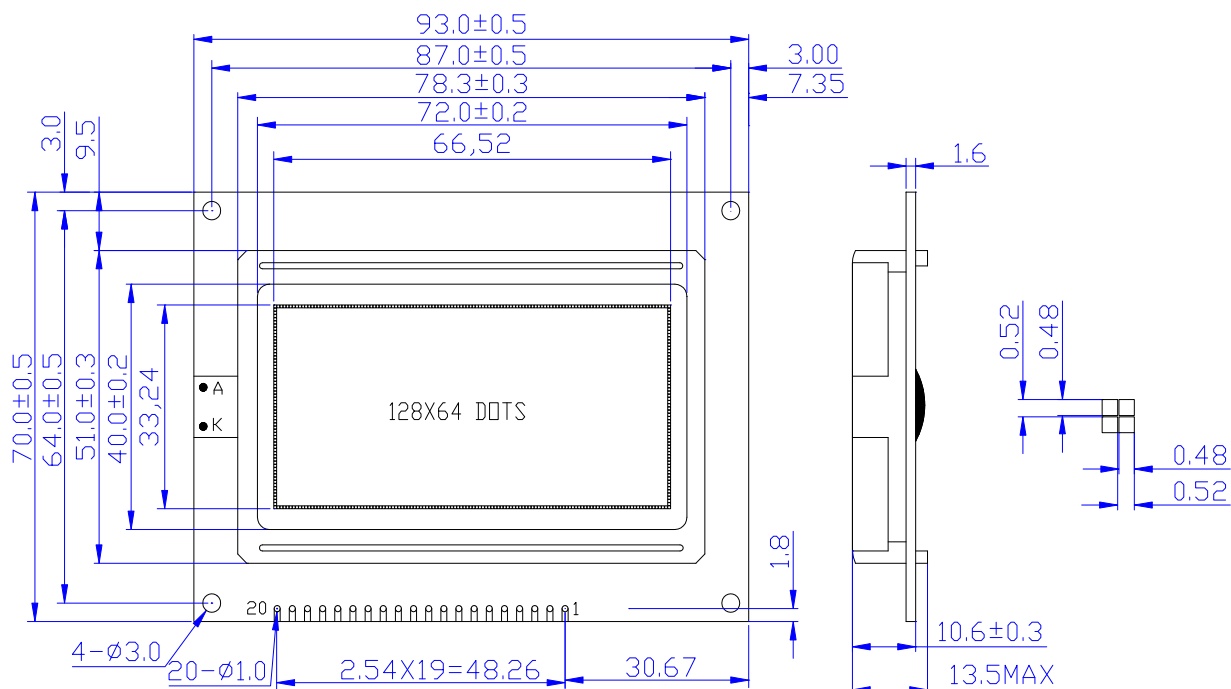


QC12864B-1

①PHYSICAL DIMENSION



②MECHANICAL SPECIFICATIONS

Item	Nominal Dimensions(mm)
Module Size(W×H×T)	93.0×70.0×13.5
Viewing Area(W×H)	72.0×40.0
Dot Pitch(W×H)	0.52×0.52
Dot Size(W×H)	0.48×0.48

④FEATURE

LCD Type & Colour	STN:Yellow-Green,Blue,FSTN
View Angle	6 0'clock
Display Type	Positive Type,Negative Type
Control IC & Package	ST7920,C0B
Operating Temperature	-20℃~70℃
Storage Temperature	-30℃~80℃

③PIN CONNECTIONS (Parallel)

Pin	Symbol	Function
1	VSS	Ground for Logic(0V)
2	VDD	Power supply for Logic(+5V)
3	V0	Power supply for LCD Driver
4	RS/CS	H: Data ; L: Instruction Code/Chip select
5	RW/SID	H: Read; L: Write(Parallel)/Data(Serial)
6	E/SCLK	Enable Signal(Parallel) / Serial Clock(Serial)
7~14	DB0~DB7	Data Bus Line
15	PSB	H:Parallel Mode; L:Serial Mode
16	NC	NO Connect
17	/RST	Reset Signal (Active LOW)
18	VOOUT	Voltage Doubler Output(Active Doubler)
19	LEDK	Backlight Power(0V)
20	LEDA	Backlight Power(+5V)

⑤ELECTRICAL CHARACTERISTICS (Supply current doesn't contain backlight)

Item	Symbol	Test Condition	Typ.	Unit
Operating Voltage	Vdd	Ta=25℃	5.0	V
Supply Current	Idd	Ta=25℃ , Vdd=5.0V	1.7	mA