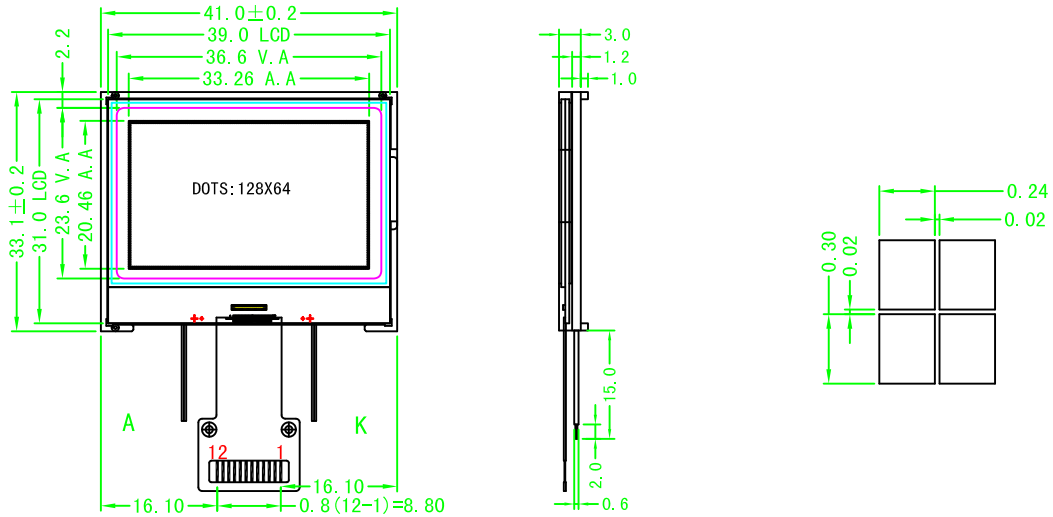
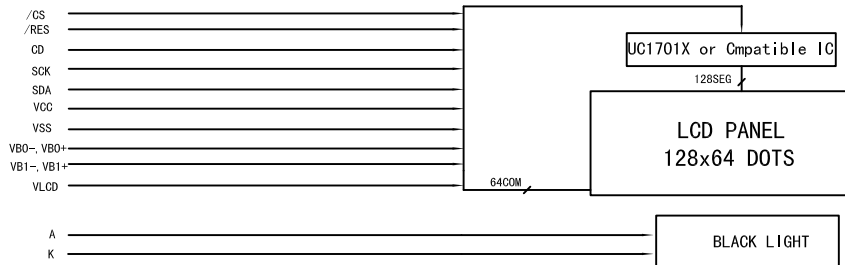


## 1.0 DIMENSIONAL DRAWING



## 2.0 BLOCK DIAGRAM



## 3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions (mm)	Feature	
		LCD Type	STN
Module Size(W×H×T)	41.0*33.1*6.4	LCD Colure	Y-G
View Area(W×H)	36.2*22.5	View Angle	6 O'clock
Area Area(W×H)	33.3*20.5	Display Type	POSITIVE
Number of Dots	128×64	Rear Polarizer	Transmissive
Dots Size(W×H)	0.24×0.30	Operating Temperature	-20° C to +70° C
Dots Pitch(W×H)	0.26×0.32	Storage Temperature	-30° C to +80° C
---	---	Backlight	LED(WHITE)

## 4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25° C	3.0	3.3	3.6	V
Operating Voltage For LCD	Vlcd	Ta=25° C	---	9.0	---	V
Supply Current	Idd	Ta=25° C, Vdd=5.0V	---	100	---	μA
Supply Current For Backlight	If	Ta=25° C, VAK=5.0V	---	15	---	mA

## 5.0 INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	/CS	L	LCM Selection Signal Input Terminal
2	/RES	H→L, H	LCM Reset Signal Input Terminal
3	CD	H/L	LCM Data/command Signal Input Terminal
4	SCK	H/L	LCM Clock Signal Input Terminal
5	SDA	H/L	LCM Data Input Terminal
6	VDD	3.3V	LCM Power Supply Positive Input Terminal
7	VSS	0V	LCM Power Supply Negative Input Terminal
8	VBO+	---	LCD BIAS Voltages
9	VBO-	---	LCD BIAS Voltages
10	VB1-	---	LCD BIAS Voltages
11	VB1+	---	LCD BIAS Voltages
12	VLCD	---	MAIN LCD POWDER SUPPLY