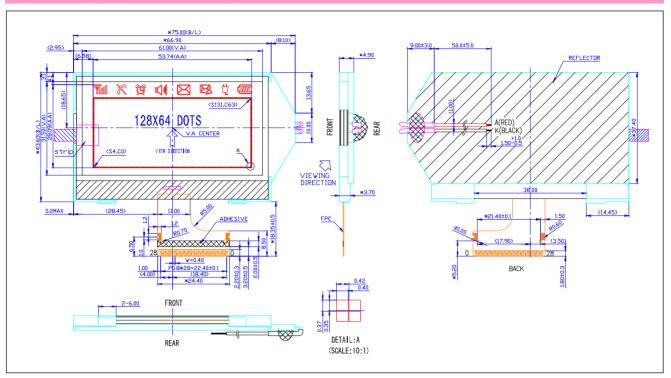
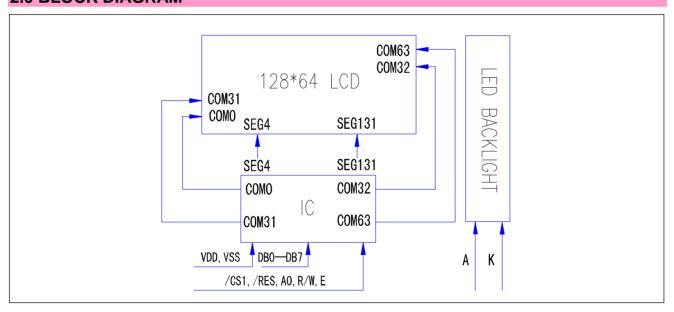
# JYG-12864K8G(R)-VC 1.0 DIMENSIONAL DRAWING



#### 2.0 BLOCK DIAGRAM



## 3.0 ELECTRICAL CHARACTERISTICS Ta=25 °C VDD=2.84V(MAX)

Item	Symbol	Test Condition	Standard Value			
Rem			Min.	Тур.	Max.	Unit
Power Supply Voltage	VDD-VSS		-	2.84	2.84	٧
LCD Operation Voltage	VOP	25°C	-	9.0	-	٧
Backlight Forward Voltage	VF		2.9	3.1	3.3	٧

# **4.0 ABSOLUTE MAXIMUM RATINGS**

Item	Symbol	Test Condition	Standard Value			
	Symbol		Min.	Max.	Unit	
Power Supply Voltage	VDD	25°C	-0.3	+3.6	V	
Supply Voltage (LCD)	VOUT	25 C	-0.3	+13.5	V	
Operating Temp.	TOPR	-	-10	+60	°C	
Storage Temp.	TSTG	-	-20	+70	°C	

## **5.0 PIN ASSIGNMENT**

Pin No.	Symbol	Description	
0	NC	No Signal	
1	/CS1	L:Chip Selected H:Chip Unselected	
2	/RES	Reset: L: Enable; H: Disable	
3	AO	L:Instruction; H:Data	
4	R/W	6800-series: L:Write; H:Read	
5	E	6800-series: Write/Read control pin;	
6-13	DBO-DB7	DATA BUS	
14	VDD	Power supply pin:+2.84V	
15	VSS	Ground	
16	VOUT	DC-DC voltage converter	
17	C3P		
18	C1N	For voltage booster circuit	
19	C1P	External capacitor about 1.0uF-4.7uF	
20	C2P		
21	C2N		
22	C4P		
23	V4		
24	V3	LCD driver voltage	
25	V2	External capacitor about 0.1uF-0.47uF→VSS	
26	V1		
27	VO		
28	NC	No Signal	

#### Remark

<sup>1.</sup> LCD option: STN.

Standard module.
 Backlight option: LED, backlight feature, other specs not available on catalog is under request.