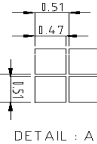
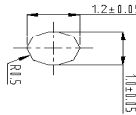


PIN

PIN	NAME	PIN	NAME
1	VDD	16	VOUT
2	/RES	17	CAP3-
3	A0	18	CAP1+
4	R/W	19	CAP1-
5	E	21	CAP2-
6	DE	21	CAP2+
7	D1	22	V1
8	D2	23	V2
9	D3	24	V3
10	D4	25	V4
11	D5	26	V5
12	D6	27	VR
13	D7	28	VDD
14	VDD	29	IRS
15	VSS	31	VDD



NOTE:  
 1.DISPLAY TYPE : STN/YELLOW GREEN  
 2.VIEWING DIRECTION : 6 O'CLOCK  
 3.POLARIZER MODE : TRANSMISSIVE/POSITIVE  
 4.OPERATING TEMP : -20°C~+60°C  
 5.STORAGE TEMP : -30°C~+70°C  
 6.OPERATING VOLTAGE : 9.0V  
 7.DRIVE METHOD : DUTY1/64 BIAS 1/9  
 8.CONTROLLER : SSD1815BZ  
 9.CONNECTION : COG  
 10.8-BIT 6800-SERIES PARALLEL INTERFACE

**FEATURE**

- 1. STN, Positive, Transmissive
- 2. IC: SOLOMON SSD1815BZ
- 3. 1/64Duty, 1/9Bias, 6 O'clock
- 4. Backlight: NA, Display dot: Blue, Background: Yellow-Green

Pin NO	Symbol	Function
1	VDD	This is the chip select signal.
2	/RES	When RES is set to "L", the setting are initialized.
3	A0	This is connect to the least significant bit of the Norman MPU address bus, and it determines whether the data bits are data or a command.
4	WR(R/W)	When connected to a 6800 Series MPU: This is the read/write control signal input terminal
5	RD(E)	When connected to a 6800 series MPU, the is active HIGH
6~13	D0~D7	This is an 8-bit bi-directional data bus that connects to an 8-bit or 16-bit standard MPU data bus.
14	VDD	Shared with the MPU power supply terminal VCC
15	VSS	This is a 0v terminal connected to the system GND.
16	VOUT	DC/DC voltage converter.
17	CAP3-	
18	CAP1+	
19	CAP1-	
20	CAP2-	
21	CAP2+	
22~26	V1~V5	This is a multi-level power supply for the liquid crystal drive.
27	VR	Output voltage regulator terminal.
28	VDD	VDD shared with MPU power supply terminal VCC
29	IRS	This terminal selects the resistors for the V5 voltage level adjustment
30	VDD	VDD shared with MPU power supply terminal VCC

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	78(W) × 84.7(H) × 2.95MAX(T)	mm
Viewing Area	74(W) × 40(H)	mm
Dot Size	0.47(W) × 0.51(H)	mm
Dot Pitch	0.51(W) × 0.56(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	-0.3	—	+7.0	V
Input Voltage	VIN	-0.3	—	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VIH	Ta=25°C	0.8VDD		VDD	V
	VIL		VSS		0.2VDD	
Output Voltage	VOH	IOUT=0.1mA	0.8VDD	—	VDD	V
	VOL	IOUT=0.1mA	VSS	—	0.2VDD	
Current Consumption	IDD	VIN=VDD	—	0.50	1	mA
Supply Voltage For Logic	VDD-VSS	Ta=25°C	2.4	3.3	5.5	V
Supply Voltage For LCD	VDD-V5	Ta=25°C	8.5	9.0	9.5	V