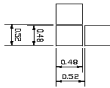
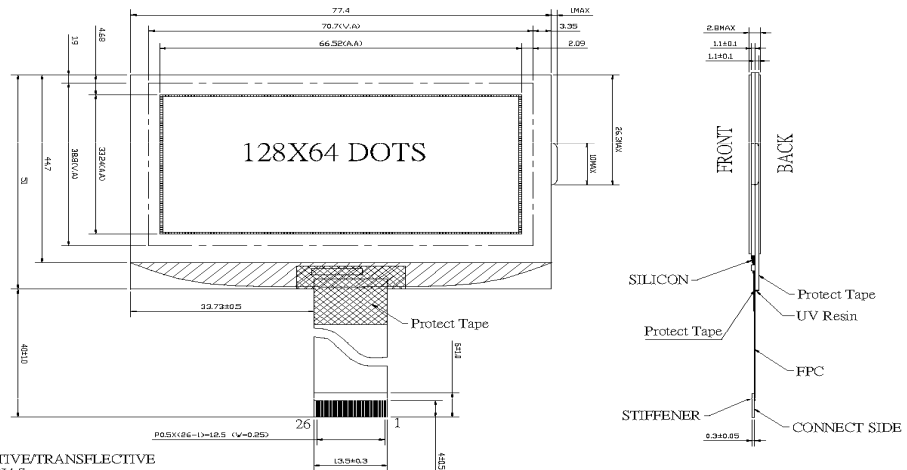


NO.	SYMBOL	NO.	SYMBOL
1	/CS1	14	VDD
2	RESET	15	VSS
3	A0	16	VOUT
4	/WR	17	CAP3-
5	E(RD)	18	CAP1+
6	D0	19	CAP1-
7	D1	20	CAP2-
8	D2	21	CAP2+
9	D3	22	V1
10	D4	23	V2
11	D5	24	V3
12	D6	25	V4
13	D7	26	V5

DETAIL:DOTS



- NOTES:
 1.DISPLAY TAPE:STN-BLUE/NEGATIVE/TRANSFLECTIVE
 2.DRIVE METHOD:1/64 DUTY 1/9 BIAS
 3.VIEWING DIRECTION: 6 O'CLOCK
 4.OPERATING TEMP:-20°C-70°C
 5.STORAGE TEMP:-30°C-80°C
 6.CONNECTOR: COG+FPC
 7.VDD:3.0V
 8.VLCD:9.2V
 9.IC:SED1565D0B(COG)



FEATURE

1. STN, Negative, Transflective
2. IC: EPSON S1D15605D11B000
3. 1/64Duty, 1/9Bias, 6 O'clock
4. Backlight: NA, Display dot: White, Background: Blue

Pin NO	Symbol	Function
1	/CS1	This is the chip select signal.
2	REST	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	The data bus are latched at the rising edge of the WR signal
5	E(RD)	The data bus is in output status when this signal is "L"
6-13	D0-D7	This is an8-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.

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	77.4(W) × 92(H) × 2.8MAX(T)	mm
Viewing Area	70.7(W) × 38.8(H)	mm
Dot Size	0.48(W) × 0.48(H)	mm
Dot Pitch	0.52(W) × 0.52(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	2.0	—	5.5	V
Input Voltage	VIN	-0.3	—	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	V _{IH}	Ta=25°C	0.8VDD		VDD	V
	V _L		VSS		0.2VDD	
Output Voltage	V _{OH}	I _{OUT} =0.1mA	0.8VDD	—	VDD	V
	V _{OL}	I _{OUT} =0.1mA	VSS	—	0.2VDD	
Current Consumption	I _{DD}	V _{IN} =VDD	—	0.50	1	mA
Supply Voltage For Logic	VDD-VSS	Ta=25°C	2.1	3.0	3.6	V
Supply Voltage For LCD	VDD-V5	Ta=25°C	8.6	9.2	9.7	V