

S A Z E N T O

INDUSTRIAL CO.LTD

LIQUID CRYSTAL DISPLAY MODULE

Product Specification

CUSTOMER		
PRODUCT NUMBER	GY1206160755FSB1G05	
CODE NO		Date

INTERNAL APPROVALS			
Quality Mgr	Product Mgr	Mech. Eng	Electr. Eng
	SUNNY	Pat Chang	VMCEN

- ☐ Approval for Specification only
- ☒ Approval for Specification and Sample



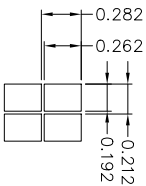
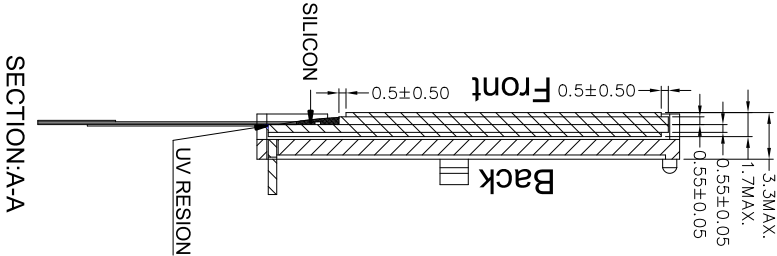
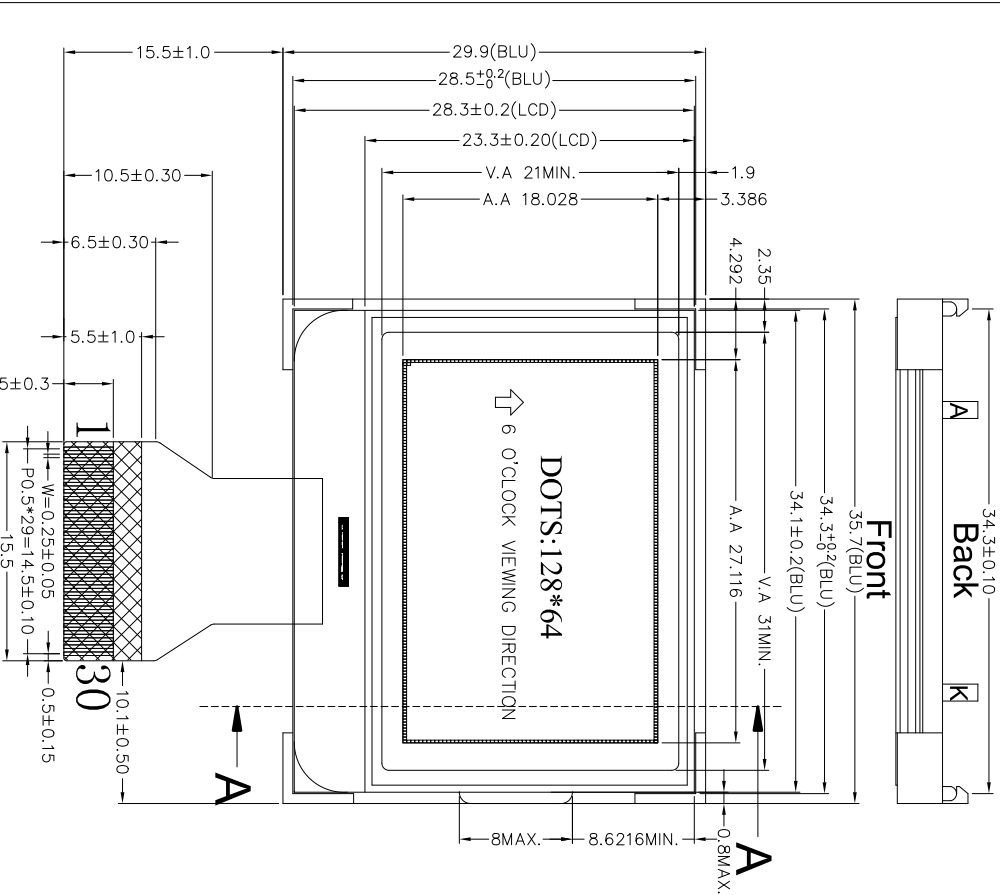
SAZENTO INDUSTRIAL CO.,LTD.

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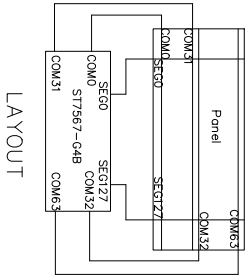
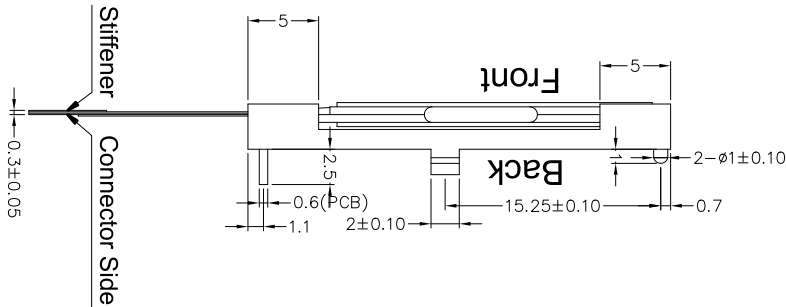
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REV	REVISION RECORD	DATE
△		
△		



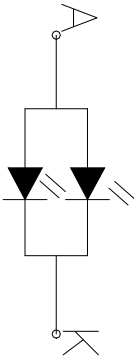
Dots Detail



LAYOUT

PIN	SYMBOL
1	PS
2	C86
3	VG
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	XV0
11	V0
12	NC
13	NC
14	NC
15	VSS
16	VDD
17	D7(S)
18	D6(SCL)
19	D5
20	D4
21	D3
22	D2
23	D1
24	D0
25	RD/(E)
26	WR/(RW)
27	A0
28	/RES
29	/CS1
30	NC

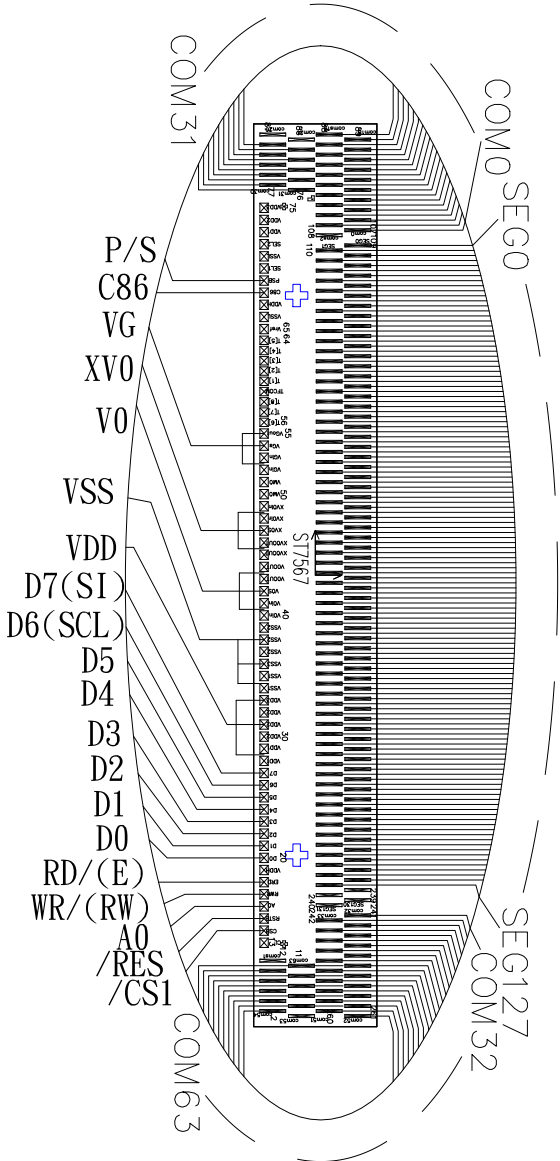
- NOTES:
- 1.Display type: FSTN
 - 2.View direction:6 o'clock
 - 3.Polarizer type: Transflective / positive
 - 4.Driver method: 1/65 DUTY 1/8BIAS
 - 5.LCD driving voltage(Vop): 8.6V
 - 6.Logic supply voltage(VDD): 3.0V
 - 7.Operating Temp:0°C~+50°C
 - 8.Storage Temp: -10°C~+60°C
 - 9.Controller / Drive IC: ST7567-G4B
 - 10.Connector type: COG+FFC
 - 11.Backlight type: 2 PCS 3020 BLUE LED
 - 12.Unspecified tolerance: ±0.2mm
 - 13.MCU Interface: Compatible
 - 14.RoHS Compliant



BACKLIGHT CIRCUIT

TOLERANCE	UNIT	MODEL NAME	TITLE
±0.2	mm	GY1206160755FSB1G05	OUTLINE
VERSION	SCALE	NO.	
A	FIT	1/2	
DATE	APPROVED	CHECKED	DRAWN
2021.06.29			Aiwa

IC: ST7567-G4B



NOTES:

IC位置可以根據實際需要自行調整（其中
IC邊緣到LCD小片邊緣最小距離為
1.0MM；IC邊緣距離LCD 的PIN得邊緣得最
小距離為0.8MM）

PIN NAME	ITTO resistor
CL,FR,DOF,C86,PSB,HPMB,SLE1-3,CLS,IRS	NO limitation
Vdd,Vdd2,VSS,VOUT	<100歐
CS1B,CS2,IRD,WR,A0,D0-7	<1000歐
V0-4,CAP 系列	<300歐
RST	<10000歐

VERSION				
A	UNIT	MM	NO. 2/2	GY1206160755FSB1G05