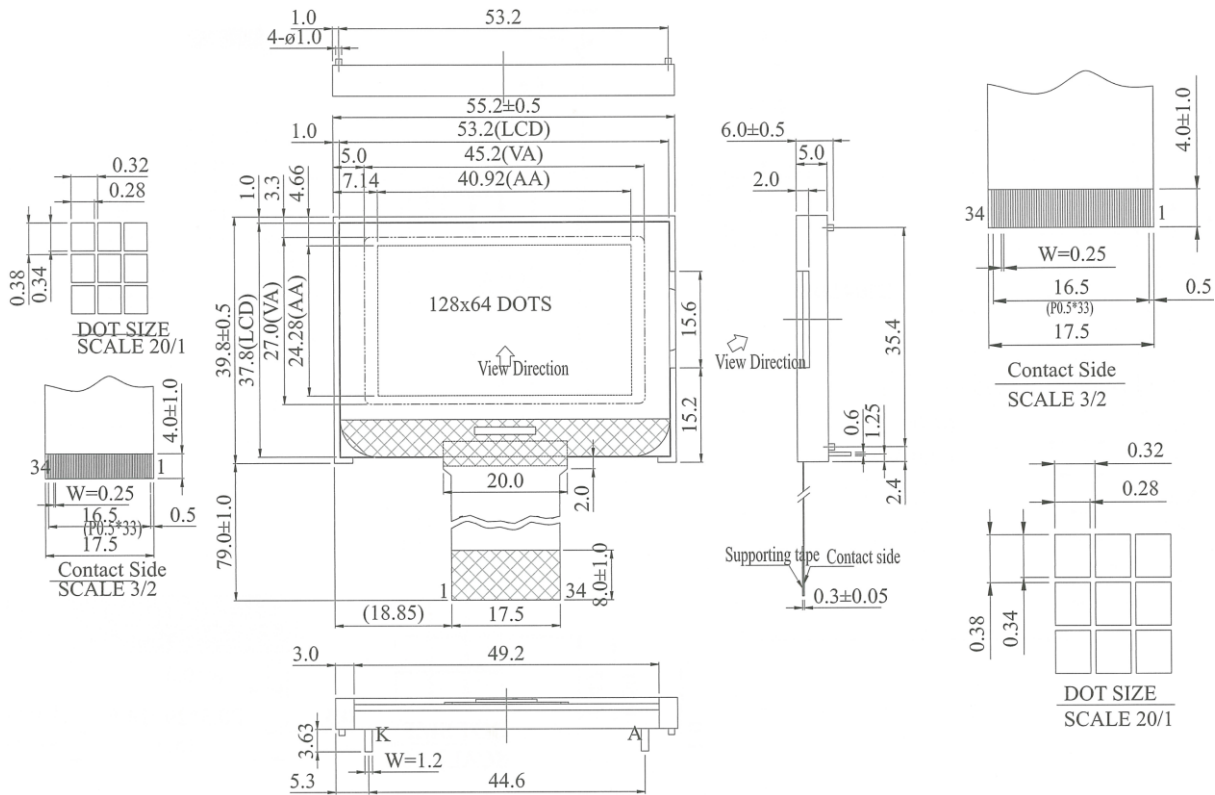


# M5O12864C2

Graphic COG 128x64

# GMS.

■ ■ ■ DISPLAY SYSTEMS



Feature			
1. Built-in controller (ST7565P or equivalent)			
2. 1/64 duty cycle			
3. +3.3V Power supply			
Pin	Symbol	Pin	Symbol
1	IRS	18	CAP5+
2	/HPM	19	Vout
3	P/S	20	Vss
4	C86	21	Vdd
5	VR	22	D7
6	V0	23	D6
7	V1	24	D5
8	V2	25	D4
9	V3	26	D3
10	V4	27	D2
11	VRS	28	D1
12	CAP4+	29	D0
13	CAP2-	30	/RD (E)
14	CAP2+	31	/WR (R/W)
15	CAP1+	32	Ao
16	CAP1-	33	/RES
17	CAP3+	34	/CS1

Mechanical Data					
Item	Standard Value			Unit	
Module Dimension	55.2 x 39.8			mm	
Viewing Area	45.2 x 27.0			mm	
Dot Size	0.28 x 0.34			mm	
Dot Pitch	0.32 x 0.38			mm	
Absolute Maximum Rating					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	Vdd - Vss	-0.3	---	5.0	V
Input Voltage	Vi	-0.3	---	Vdd+0.3V	V

Note: Vss=0 V, Vdd=3.3 V

Electronical Characteristics						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	Vdd		2.7	3.0	3.3	V
Supply Current	Idd	Vdd=3.0V	---	0.49	1.0	mA
Recommended LC Driving Voltage for normal Temperature Version module	Vo-Vss	-20°C	9.1	9.3	9.5	V
		0°C	---	---	---	
		25°C	8.8	9.0	9.2	
		50°C	---	---	---	
		70°C	8.4	8.6	8.8	

See Specification for Backlight information.

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