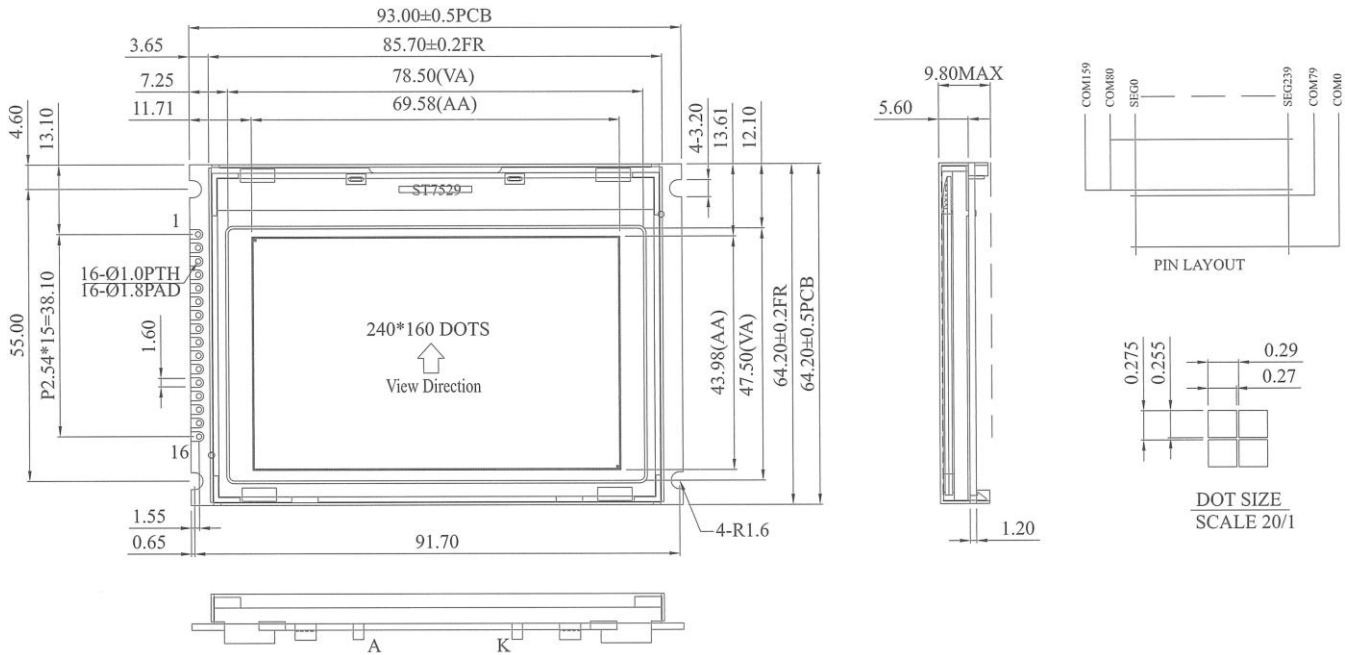


# MSO240160A

Graphic COG 240x160

# GMS.

■ ■ ■ DISPLAY SYSTEMS



Feature		
1. 240x160 dots includes cursor		
2. Built-in controller ST7529		
3. +3.3V Power supply		
4. 1/160 duty cycle		
Pin	Symbol	Description
1	VDD	Power supply (+3.3V)
2	Vss	Power supply
3	/CS	Chip enable active " L "
4	RS	H: Instruction, L: Data
5	/WR	Write enable input, active Low
6	/RD	Read enable input, active Low
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	/RST	Reset input pin /RST =Low, initialization is executed /RST =High, Normal
16	BLA	Backlight Positive Power Supply

Mechanical Data					
Item	Standard Value	Unit			
Module Dimension	93.0 x 64.2	mm			
Viewing Area	78.5 x 47.5	mm			
Mounting Hole	91.7 x 55.0	mm			
Dot Size	0.27 x 0.255	mm			
Dot Pitch	0.29 x 0.275	mm			
Absolute Maximum Rating					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	Vdd - Vss	---	3.0	---	V
Input Voltage	Vi	0	---	Vdd	V

Note: Vss=0 V, Vdd=3.3 V

Electronical Characteristics						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	Vdd	---	3.0	3.3	3.6	V
Supply Current	Idd	Vdd=3.3V	---	4.1	4.8	mA
Recommended LC Driving Voltage for normal Temperature Version module	Vo-Vss	-20°C	---	---	---	V
		25°C	---	14.5	---	
		70°C	---	---	---	

See Specification for Backlight information.

© 2011 GMS mbH. Errors and omissions excepted.

info@gms-ds.de  
www.gms-ds.de

1 / 1

Richthofenstr. 3  
78048 VS-Villingen  
Germany