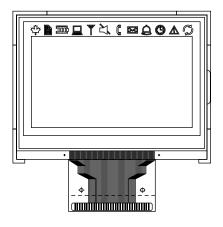




128 x 64 Graphic LCD



MECHANICAL DATA					
ITEM	STANDARD VALUE	UNIT			
Module Dimension	56.0 x 42.5				
Viewing Area	52.0 x 33.5	-			
Dot Size	0.35 x 0.40				
Dot Pitch	0.37 x 0.42	mm			
Mounting Hole	N/a]			
Character Size	N/a				

FEATURES

- Type: Graphic
- Display format: 128 x 64 dots
- Built-in controller: Sitronix ST565P-F3
- Duty cycle: 1/64
- + 3.3 V power supply only
- Optional touch panel
- Compliant to RoHS directive 2002/95/EC



ABSOLUTE MAXIMUM RATINGS						
ITEM	SYMBOL	STAN	UNIT			
	STMBOL	MIN.	TYP.	MAX.	UNIT	
Power Supply	V_{DD} to V_{SS}	2.4	-	5.5	v	
Input Voltage	VI	- 0.3	-	V_{DD}	v	

Note

• $V_{SS} = 0 V, V_{DD} = 5.0 V$

ELECTRICAL CHARACTERISTICS							
ITEM	SYMBOL	CONDITION	STANDARD VALUE			UNIT	
	STWDOL	CONDITION	MIN.	TYP.	MAX.	UNIT	
Level Meller av	V _{DD}	L level	0.8 V _{DD}	-	V _{DD}	V	
Input Voltage	V _{IO}	H level	-	-	-	V	
Supply Current	I _{DD}	V _{DD} = + 5 V	-	-	-	mA	
	V_{DD} to V_0	- 20 °C	9.5	10.0	10.5		
Recommended I C Driving		0 °C	9.3	9.8	10.3	V	
Recommended LC Driving Voltage for Normal Temperature Version Module		25 °C	7.9	8.4	8.9		
		50 °C	7.0	7.5	8.0		
		70 °C	6.8	7.3	7.8	1	
EL Power Supply Current	I _{EL}	V _{EL} = 110 V _{AC} , 400 Hz	-	-	-	mA	

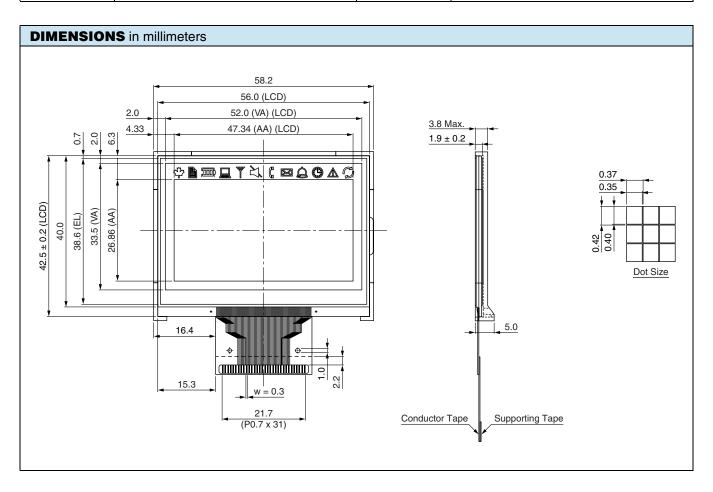
OPTIONS									
PROCESS COLOR					BACKLIGHT				
TN	STN Gray	STN Yellow	STN Blue	FSTN B&W	STN Color	None	LED	EL	CCFL
	х	х		х		х		х	

For detailed information, please see the "Product Numbering System" document.

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INTERFACE PIN FUNCTION					
PIN NO.	SYMBOL	PIN NO.	SYMBOL		
1	NC	17	V _{SS}		
2	CS1B	18	V _{OUT}		
3	CS2	19	NC		
4	RESB	20	CAP3P		
5	A0	21	CAP1N		
6	WRB (W/R)	22	CAP1P		
7	RDB (E)	23	CAP2P		
8	DB0	24	CAP2N		
9	DB1	25	V4		
10	DB2	26	V3		
11	DB3	27	V2		
12	DB4	28	V1		
13	DB5	29	VO		
14	DB6	30	VR		
15	DB7	31	C86		
16	V _{DD}	32	NC		





Vishay

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