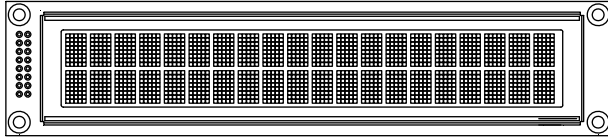


## 20 x 2 Character OLED



### FEATURES

- Type: Character
- Display format: 20 x 2 characters
- Built-in controller: OLED-0010
- Duty cycle: 1/16
- +5 V power supply, +3 V optional
- Interface: 6800, option 8080 and SPI
- Sunlight readable and polarizer optional
- Material categorization: For definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS**  
COMPLIANT

MECHANICAL DATA		
ITEM	STANDARD VALUE	UNIT
Module dimension	180.0 x 40.0 x 9.3 (max.)	mm
Viewing area	149.0 x 23.0	
Active area	145.08 x 20.64	
Dot size	1.12 x 1.12	
Dot pitch	1.22 x 1.22	
Mounting hole	172.0 x 32.0	
Character size	6.0 x 9.66	
Character pitch	7.32 x 10.98	

ABSOLUTE MAXIMUM RATINGS				
ITEM	SYMBOL	STANDARD VALUE		UNIT
		MIN.	MAX.	
Supply voltage for logic	$V_{DD}$ to $V_{SS}$	-0.3	5.3	V
Input voltage	$V_I$	-0.3	$V_{DD}$	

#### Note

- $V_{SS} = 0$  V,  $V_{DD} = 3.0$  V/5.0 V

ELECTRICAL CHARACTERISTICS						
ITEM	SYMBOL	CONDITION	STANDARD VALUE			UNIT
			MIN.	TYP.	MAX.	
Supply voltage for logic	$V_{DD}$ to $V_{SS}$	-	3.0	5.0	5.3	V
Input high voltage	$V_{IH}$	-	$0.9 V_{DD}$	-	$V_{DD}$	V
Input low voltage	$V_{IL}$	-	GND	-	$0.1 V_{DD}$	V
Output high voltage	$V_{OH}$	$I_{OH} = 0.5$ mA	$0.8 V_{DD}$	-	$V_{DD}$	V
Output low voltage	$V_{OL}$	$I_{OL} = 0.5$ mA	GND	-	$0.2 V_{DD}$	V
Supply current	$I_{DD}$	$V_{DD} = 5$ V	-	30	-	mA

OPTIONS									
EMITTING COLOR					MOQ				
YELLOW	GREEN	RED	BLUE	WHITE	YELLOW	GREEN	RED	BLUE	WHITE
Y	-	-	-	-	N	-	-	-	-





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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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