

Display Elektronik GmbH

# DATA SHEET

**STANDARD OLED/PLED**

**DEP 128032A - B**



*Product Specification*

*Version : 0*

01.07.2008

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**GENERAL SPECIFICATION**

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**MODULE NO. :**

**DEP 128032A - B**

**CUSTOMER P/N**

<b>VERSION NO.</b>	<b>CHANGE DESCRIPTION</b>	<b>DATE</b>
0	ORIGINAL VERSION	01.07.2008

**PREPARED BY: MHO**

**DATE: 01.07.2008**

**APPROVED BY: MH**

**DATE: 01.07.2008**

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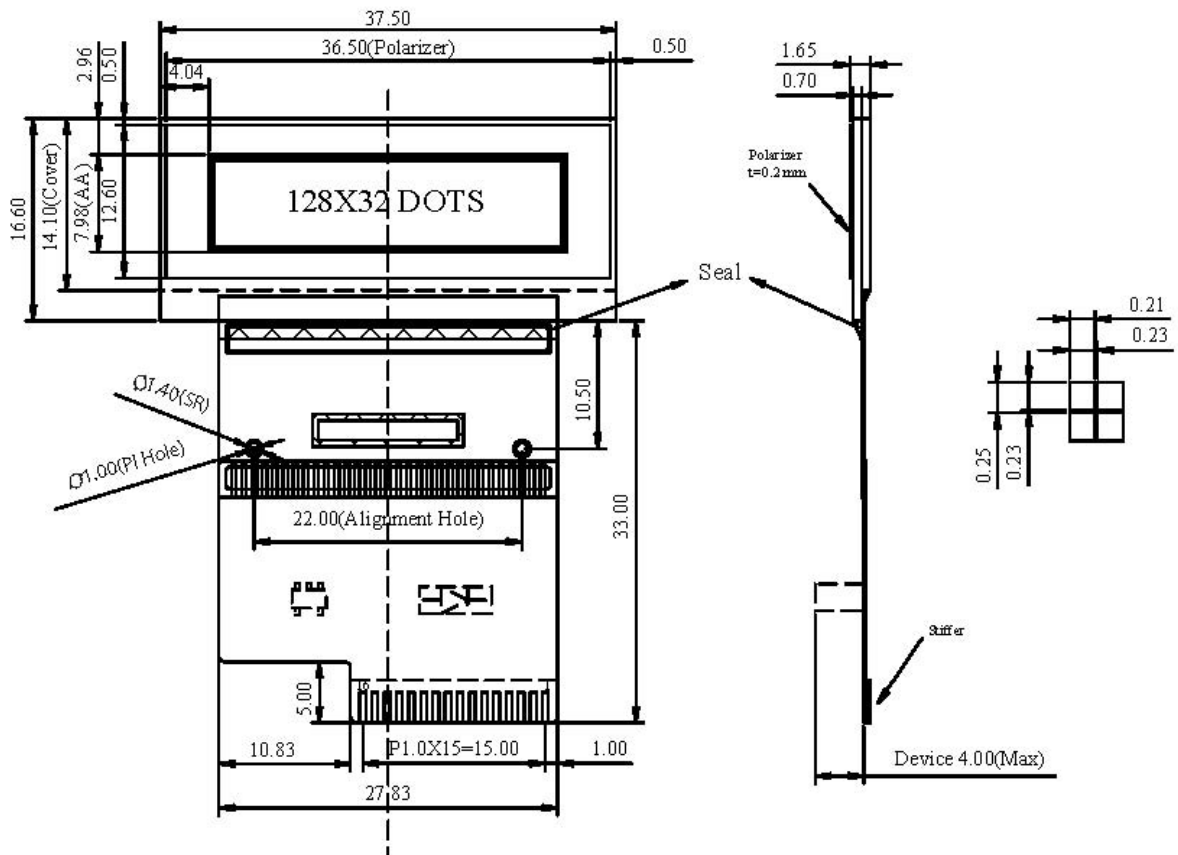
**1. GENERAL FEATURES**

- Technology: OLED Display
- Resolution: 128 x 32 Dots
- Controller: SSD1303T6 (Solomon Systech)
- Vdd: 3,3Volt (typ.)
- Duty: 1/32
- Colour: Blue
- Estimated Lifetime: 7.000 hours (40cd/m<sup>2</sup>)

**2. MECHANICAL DATA**

- Outline Dimension: 37.50 x 16.00 mm
- Active-Area: 29.42 x 7.98 mm
- Dot-Size: 0.21 x 0.23 mm

3. DIMENSIONAL DRAWING



**4. PIN ASSIGNMENT**

PIN	SYMBOL	FUNCTION
1	Vss	GND
2	Vdd	+3.3Volt (Power Supply)
3	CS	Chip Select
4	/RES	Reset Signal
5	RS	H: Data L:Command
6	WR	Write Signal
7	RD	Read Signal
8	DB0	Data-Bus
9	DB1	Data-Bus
10	DB2	Data-Bus
11	DB3	Data-Bus
12	DB4	Data-Bus
13	DB5	Data-Bus
14	DB6	Data-Bus
15	DB7	Data-Bus
16	NC/VO	No Connection / Power Control

**5. ELECTRICAL CHARACTERISTICS**

ITEM	SYMBOL	CONDITION	TYPICAL VALUE	UNIT
Input Voltage	Vdd	Vdd ~ 3.3Volt	3.3	V
Supply Current	Idd	Vdd ~ 3.3Volt	120	mA