

Display Elektronik GmbH

# DATA SHEET

**STANDARD OLED/PLED**

**DEP 096064A - Y**



*Product Specification*

*Version : 0*

17.09.2008

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**GENERAL SPECIFICATION**

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**MODULE NO. :**

**DEP 096064A - Y**

**CUSTOMER P/N**

<b>VERSION NO.</b>	<b>CHANGE DESCRIPTION</b>	<b>DATE</b>
0	ORIGINAL VERSION	17.09.2008

**PREPARED BY: MHO**

**DATE: 17.09.2008**

**APPROVED BY: MH**

**DATE: 17.09.2008**

**CONTENTS**

1. GENERAL FEATURES-----	2
2. MECHANICAL DATE-----	2
3. DIMENSIONAL DRAWING-----	3
4. PIN ASSIGNMENT-----	4
5. ELECTRICAL CHARACTERISTICS-----	4

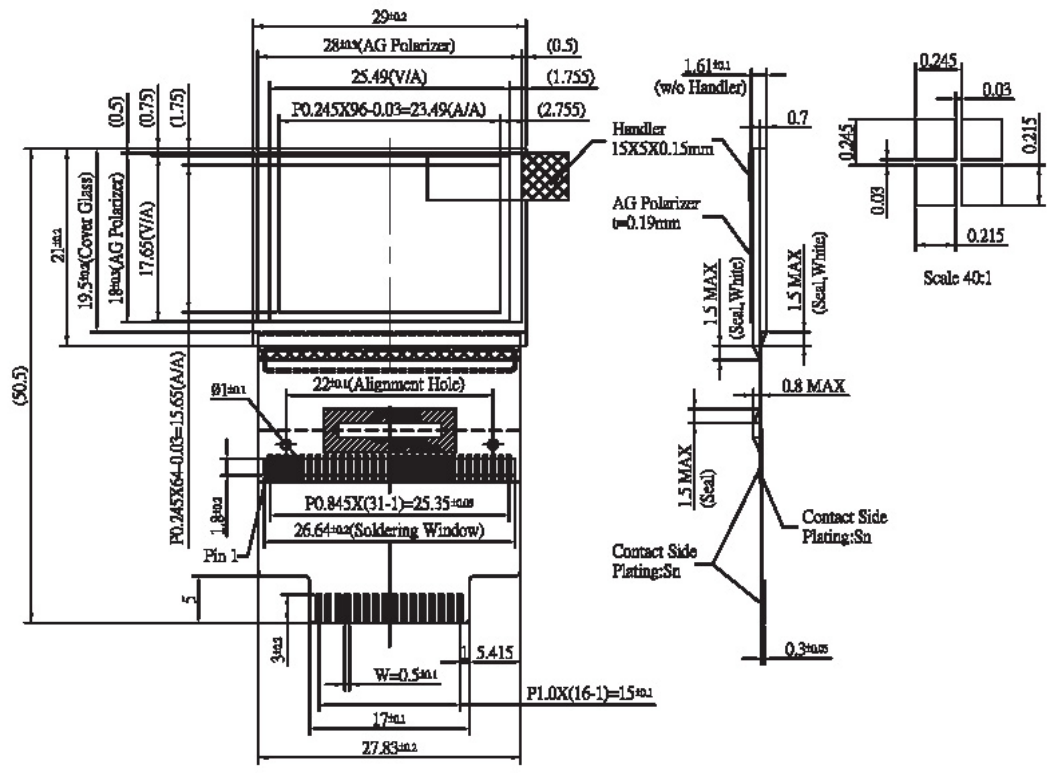
**1. GENERAL FEATURES**

- Technology: OLED Display
- Resolution: 96 x 64 Dots
- Controller: SSD1325 (Solomon Systech)
- Vdd: 3,3Volt (typ.)
- Duty: 1/64
- Colour: Yellow
- Estimated Lifetime: 50.000 hours (80cd/m<sup>2</sup>)

**2. MECHANICAL DATA**

- Outline Dimension: 29.00 x 21.00 mm
- Active-Area: 23.49 x 15.65 mm
- Viewing-Area: 28.00 x 18.00 mm
- Dot-Size: 0.215 x 0.215 mm
- Dot-Gap: 0.03 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	D/C	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	DISPOFF / Vcc	DISPOFF: Active Low Vcc: Supply Voltage for OLED Panel

**5. ELECTRICAL CHARACTERISTICS**

ITEM	SYMBOL	CONDITION	TYPICAL VALUE	UNIT
Input Voltage	Vdd	Vdd ~ 3.3Volt	3.3	V
Supply Current	Idd	Vdd ~ 3.3Volt	~ 40	mA