

Technical drawing of a 3.0" TFT LCD module (HZ0295FWPBSWS01C-AA) showing front, side, and back views with dimensions and specifications.

ROSH

Reversion

Discription

Date

Signed

V0

First issue

25.08.28

Penglz

24PIN MIPI

FPC丝印: ZXR030W011A

LED: IF =20mA, VF=19.2V

NOTES:

- DISPLAY TYPE:3.0" TFT, TRANSMISSIVE Normally Black
- DRIVER IC:ST7102I or compatible
- VIEWING DIRECTION: All
- BACKLIGHT: 6 pcs White LED
- BRIGHTNESS: 600 cd/m² (typ)
CG+TFT: 520 cd/m² (typ)
- INPUT VOLTAGE: VCC 2.8V (typ)
- OPERATING TEMP: -20° C ~ +70° C
- STORAGE TEMP: -30° C ~ +80° C
- UNDEFINED DIMENSION TOLERANCE: ±0.2mm
- RoHS COMPLIABLY
- 建议机壳开窗可视区比 LCD A. A区单边大 0.3mm

CG要求说明:

- 材质: 旭硝子 1.1 & ≥7H (750g)
- VA区透光率: ≥87%
- 工作/存储温度: 工作温度:-20° ~ +70° ; 存储温度:-30° ~ +80°
- 钢球冲击能量: 40g钢球, 40cm 高度V.A. 中心点3次, 无破损;
- 强化条件: 强化深度DOL≥8um, 表面应力CS≥450Mpa, 光弹系数: 27.5;
- 达因值: CG背面达因能≥32dyn, Film表面≥30dyn;
- 未注公差按±0.1mm管控
- 油墨使用哑黑油墨
- 触摸IC:***

深圳市华之洋光电科技有限公司

SHENZHEN HZY PHOTOELECTRIC TECHNOLOGY CO., LTD

Customer Ref.

Model No.

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PIN SYMBOL

1	TE
2	LCD_RESET
3	IOWCC
4	VCI
5	GND
6	DIP
7	DIN
8	GND
9	CLKP
10	CLKN
11	GND
12	DOP
13	DON
14	GND
15	NC
16	TP_RESET
17	TP_INT
18	TP_SDA
19	TP_SCL
20	TP_VDD
21	TP_GND
22	LED_K
23	LED_A
24	NC

24PIN MIPI

FPC丝印：ZXRO30W011A

FPC弯折示意图
(FPC弯折出货)

LED A LEDK

B/L CIRCUIT DIAGRAM

LED; IF =20mA, VF=19.2V

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