

深圳市爱普拓思科技有限公司

Customer Code :
CUSTOMER'S P/N:

SPECIFICATION OF BACKLIGHT
EDITION: 01

Date: 2020. 11. 12

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THE THIRD ANGLE



FX'S P/N(exclude wrapper):

DBT116BHN30E045A

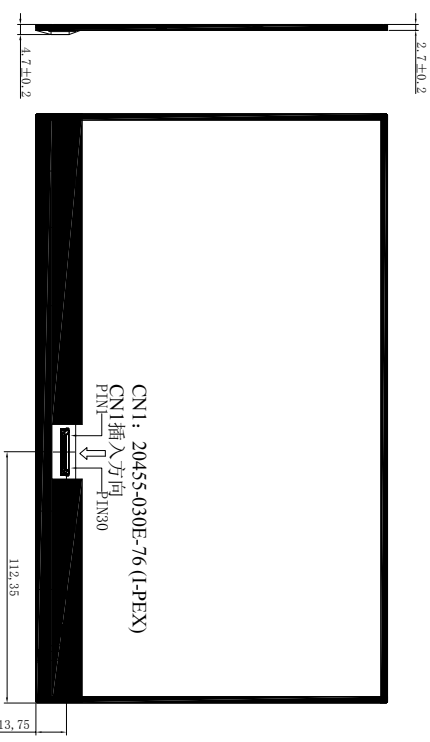
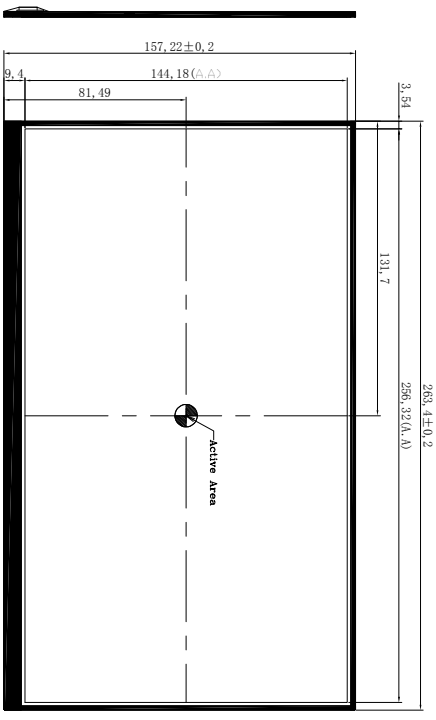
FX'S P/N:
(include wrapper)

Approval (核准)

Check (检查)

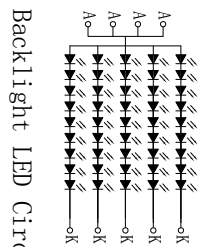
Design (设计)

APIN CNF DESCRIPTION
1 NC
2 GND
3 LANE1-N
4 LANE1-P
5 GND
6 LANE0-N
7 LANE0-P
8 GND
9 AUX-QH-P
10 AUX-QH-N
11 GND
12 LCD-VCC
13 LCD-VCC
14 LCD-TEST
15 GND
16 GND
17 HPD
18 BL-GND
19 BL-GND
20 BL-GND
21 BL-GND
22 BL-ENABLE
23 BL-PWM
24 NC
25 NC
26 BL-POWER
27 BL-POWER
28 BL-POWER
29 BL-POWER
30 NC



Notes:

1. Unit:mm.
2. Do not scale drawing.
3. All radii without dimension R0.2.
4. Δ Modification Mark.
5. draft angle: 1°.
6. Backlight Luminance :450cd/m²(Typ)
7. Luminance uniformity: 75%(min) (min/max*100%)
8. UnSpecified Tolerance is ± 0.2
9. Operation conditions : If= 100mA, Vf=25-30V
Color coordinate:X=0.27-0.35, Y=0.27-0.35
10. All materials comply with RoHS
11. The measured value of Luminance and color coordinate bases FX' s BW-7
12. Check item: 1~9



Backlight LED Circuit

REV	DATE	DESCRIPTION (修改内容)	REVISER	NO.

Customer:	Approval Date:	Approval Date:	Approval Date:	Approval Date:	Approval Date:	Approval Date:	Approval Date:
客户	确认日期	确认日期	确认日期	确认日期	确认日期	确认日期	确认日期
1							
2							
3							
4							
5							
6							
7							
8							

NO.	DESCRIPTION	Quantity
12	Front Iron frame (上铁框)	0
11	FPC (柔性线路板)	1
10	Double sided stick (双面胶)	2
9	HOUSING (塑胶框)	1
8	PCB(印刷电路板)	0
7	Wire(导线)	0
6	LED(发光二极管)	45
5	BEF(偏光片)	3
4	Diffuser film(扩散片)	1
3	Light guide plate(导光板)	1
2	Reflector film(反射膜)	1
1	Rear Iron frame (下铁框)	1
	TITLE	