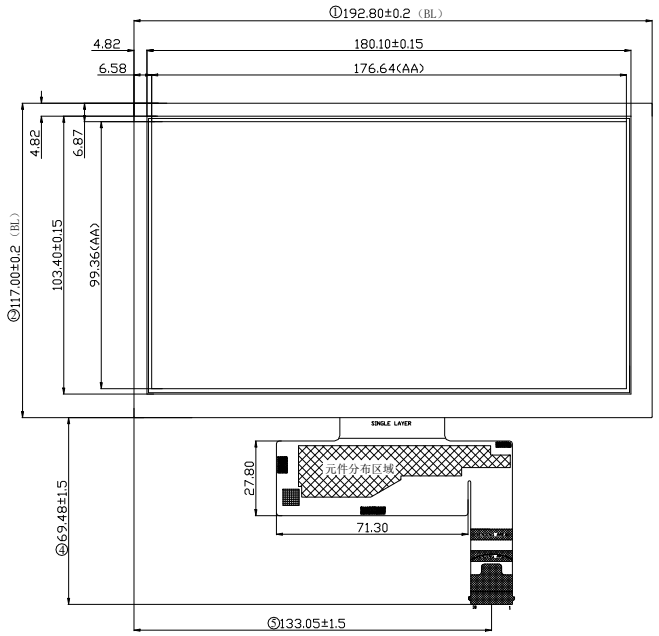
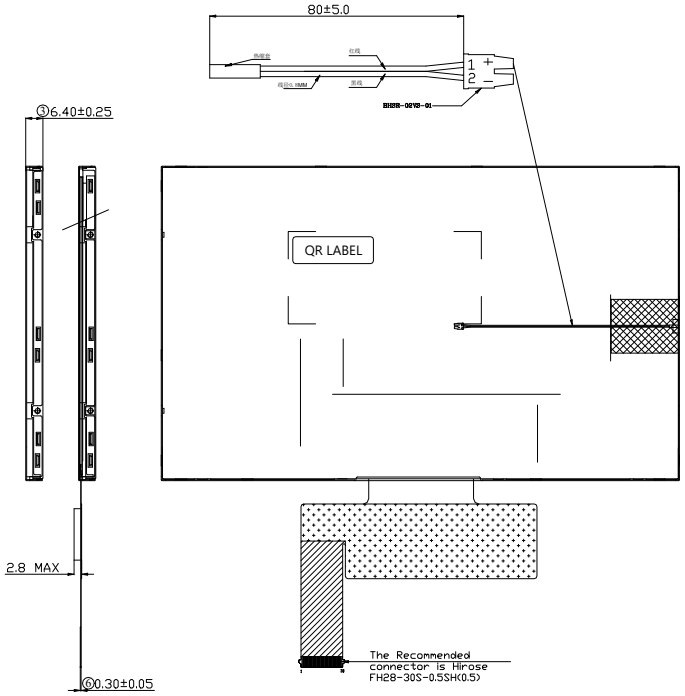


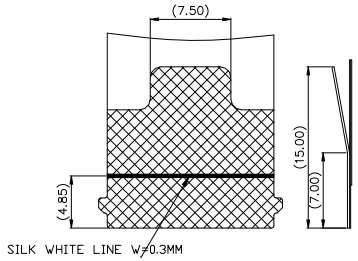


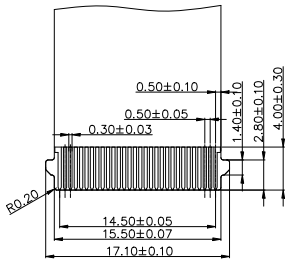
LCM PIN	
PIN	DESC
1	NC
2	VDD 3.3V
3	VDD 3.3V
4	GND
5	RESET
6	STBYB
7	GND
8	SDA
9	SCL
10	CSB
11	GND
12	TB
13	RL
14	GND
15	LVON
16	LVOP
17	GND
18	LV1N
19	LV1P
20	GND
21	LV2N
22	LV2P
23	GND
24	CLKN
25	CLKP
26	GND
27	LV3N
28	LV3P
29	GND
30	VDDOTP

BL PIN	
PIN	DESC
1	LED+
2	LED−



电压：27V（TYP）电流：320mA





LCD Type	8.0"TFT,Transmissive Normally Black,IPS
Resolution	1280(RGB)*720
View Direction	All o'clock
LCD driver IC	HX8290
Coloer depth	16.7M
Interface types	LVDS
Operating voltage	3.3V
Backlight	36 LEDs,320mA(typ),27.0V(ref.)
Surface luminance	950(typ) cd/m²
Uniformity (White)	75%(min)~80%(typ)
Operating temperature	-30°C~80°C
Storage temperature	-40°C~85°C
Color chromaticity	[white] x:TBD , y:TBD

NOTES:
1. GENERAL TOLERANCE: ±0.3mm
2. ( )REFERENCE DIMENSION
3. Important dimension: ①～⑥

版本 (Version)	变更记录(Revise History)	修订 (Revisers)	日期(Date)
A0	Initial release	San	2026.11.17

设计 (DESIGN)	Display/ Customized	San	
	Touch /Lens		
批准(APPROVED)		Aron	
客户承认 (CUSTOMER APPROVAL)			

ISD 一众显示

TITLE:	LCM	页面(Page)	1 / 1
		单位(Unit)	mm
Drawing No.	TST080HDBH-32	比例(SCALE)	1 : 1
		角度(Angle)	