由 Autodesk 教育版产品制作

KINGTECH
Professional LCD Module Manufacturer since 2003
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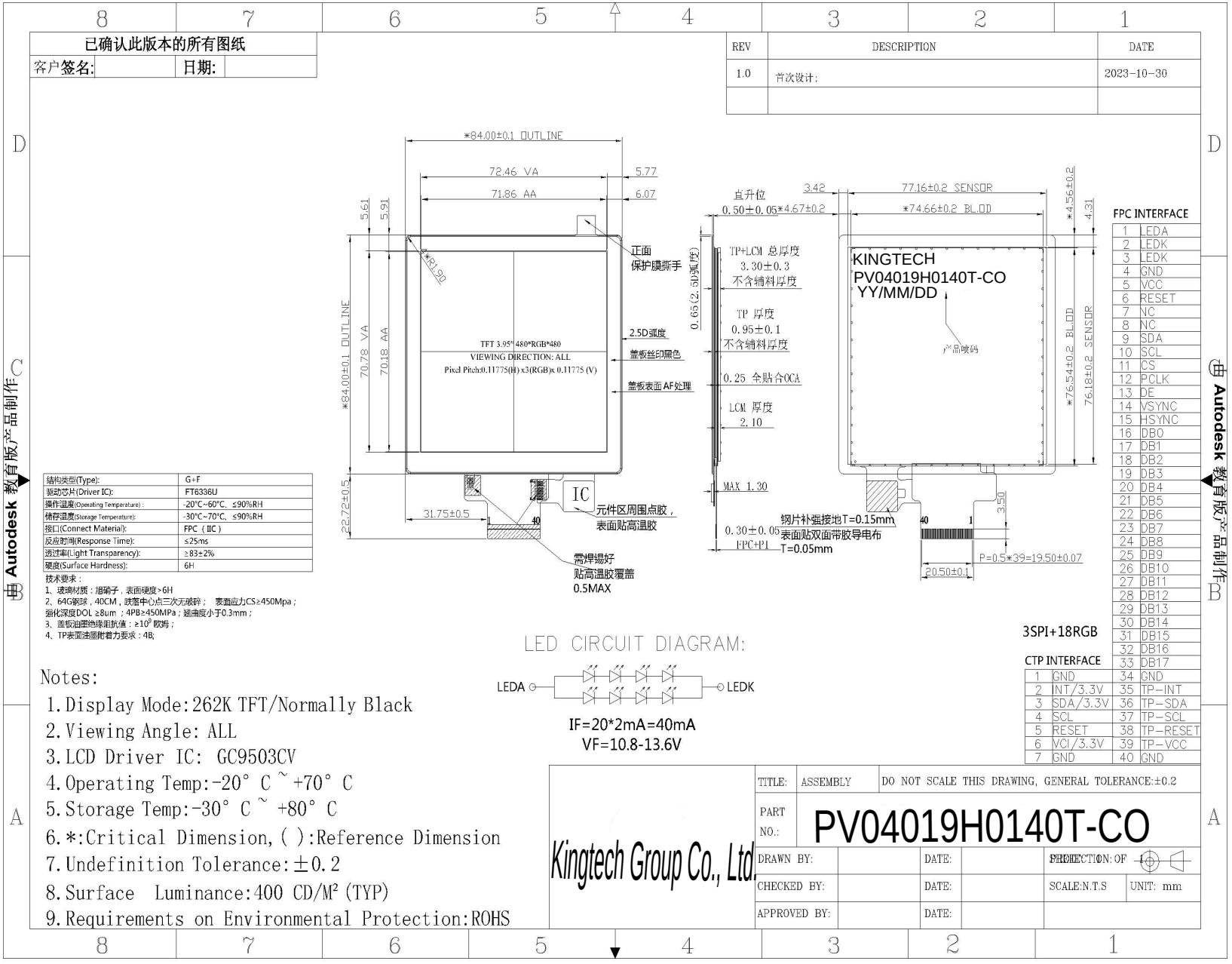
2OUTLINE DIMENSIONS

已确认此版本的所有图纸

客户签名: 日期:

REV	DESCRIPTION	DATE
1.0	首次设计:	2023-10-30



FPC INTERFACE			
1	LEDA		
2	LEDK		
3	LEDK		
4	GND		
5	VCC		
6	RESET		
7	NC		
8	NC		
9	SDA		
10	SCL		
11	CS		
12	PCLK		
13	DE		
14	VSYNC		
15	HSYNC		
16	DB0		
17	DB1		
18	DB2		
19	DB3		
20	DB4		
21	DB5		
22	DB6		
23	DB7		
24	DB8		
25	DB9		
26	DB10		
27	DB11		
28	DB12		
29	DB13		
30	DB14		
31	DB15		
32	DB16		
33	DB17		

3SPI+18RGB

CTP INTERFACE			
1	GND	34	GND
2	INT/3.3V	35	TP-INT
3	SDA/3.3V	36	TP-SDA
4	SCL	37	TP-SCL
5	RESET	38	TP-RESET
6	VCI/3.3V	39	TP-VCC
7	GND	40	GND

结构类型(Type):	G+F
驱动芯片(Driver IC):	FT6336U
操作温度(Operating Temperature):	-20°C~60°C、≤90%RH
储存温度(Storage Temperature):	-30°C~70°C、≤90%RH
接口(Connect Material):	FPC（IIC）
反应时间(Response Time):	≤25ms
透过率(Light Transparency):	≥83±2%
硬度(Surface Hardness):	6H

技术要求：
1、玻璃材质：超硬子，表面硬度>6H
2、64G钢球，40CM，跌落中心点三次无破碎； 表面应力CS≥450Mpa；
强化深度DOL ≥8um ；4PB≥450MPa；翘曲度小于0.3mm；
3、盖板油墨绝缘阻抗值：≥10^9 欧姆；
4、TP表面油墨附着力要求：4B;

LED CIRCUIT DIAGRAM:

IF=20*2mA=40mA
VF=10.8-13.6V

Notes:

1. Display Mode:262K TFT/Normally Black
2. Viewing Angle: ALL
3. LCD Driver IC: GC9503CV
4. Operating Temp:-20° C ~ +70° C
5. Storage Temp:-30° C ~ +80° C
6. *:Critical Dimension, ( ):Reference Dimension
7. Undefinition Tolerance:±0.2
8. Surface Luminance:400 CD/M² (TYP)
9. Requirements on Environmental Protection:ROHS

Kingtech Group Co., Ltd.

TITLE:	ASSEMBLY	DO NOT SCALE THIS DRAWING, GENERAL TOLERANCE:±0.2			
PART NO.:	PV04019H0140T-CO				
DRAWN BY:		DATE:		PROJECTION: OF	
CHECKED BY:		DATE:		SCALE:N.T.S	UNIT: mm
APPROVED BY:		DATE:			

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Figure 1.