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Customer Approved

REV NO.	Contents	Date
V0	First release	2016-09-11

J1&CON1 INTERFACE

PIN	Symbol
1	VCC5V
2	VCC5V
3	R0
4	R1
5	R2
6	R3
7	R4
8	R5
9	R6
10	R7
11	GND
12	G0
13	G1
14	G2
15	G3
16	G4
17	G5
18	G6
19	G7
20	GND
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	DCLK
31	HSYNC
32	VSYNC
33	DEN
34	BL_CTRL
35	CTP_RST
36	CTP_SDA
37	NC
38	CTP_SCL
39	CTP_INT
40	LCD_RST

185.00±0.30(PCB)
164.90±0.3(LCM OUTLINE)
155.48(CTP VA)
154.21(LCD AA)

10.31
16.51
17.41

2.50
6.65
7.70

105.00±0.30(PCB)
100.00±0.30(LCM OUTLINE)
87.32(CTP V/A)
85.92(LCD AA)

RGB

7" TFT
1024(RGB)X600 pixels

8.45±0.30
1.60±0.10(PCB)

4.50
176.00(HOLE)

2.0 (Connector)

2.54
5.44
2.54

CON1

28.37
P2.54*19=48.26
1.55
1.00

50

1

52.5
16.44
96.00(HOLE)

4.50

44-φ3.10

PROPERTY OF WKS TECHNOLOGY

This Module Include The Following Resource

1. Backlight LED Driver
2. I2C Interface CTP Driver
3. VGH,VGL,AVDD,VCOM DC-DC
4. 5V to 3.3V LDO

Backlight Circuit

VF=9.3V±0.6V;IF=140mA(Typ.)

CTP
TFT
FOAM
PCB

0.1506
0.1432
0.0502

RGB

Pixels Detail
SCALE 100:1

Structure Detail
SCALE 3:1

WKS 慧勤智远科技有限公司

Display Type:	7.0"TFT+CTP+PCB	Driver IC:	TBD.	Pixel Pitch:	0.1506mm×0.1432mm	Product NO:	WKS70WSV008-WCT				
Display Mode:	Transmissive	Operating Temperature:	-20°C to +70°C	LCM Brightness:	200 cd/m ²	Part NO:	CTP Module	APPD:	Henry		
Viewing Direction: (Gray Inversion)	FFS MODE	Storage Temperature:	-30°C to +80°C	Backlight:	21 LED	REV:	V1	Unit:	mm	CHKD:	Liwen
Display Resolution:	1024(RGB)X600 pixels	Structure:	LCD+FPC+BL+CTP+PCB	Material Note:	ROHS Request	Date:	2017-12-15	Scale:	1:1	DWN:	Jason
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