



Industrial Solutions Partner!

SSF/SSH0683-M

6.8" LCD, 700 nits LED backlight, 480 x 1280 ultra-wide aspect ratio 6:16

The SSF/SSH0683-M is a 6.8 inch color TFT-LCD display with special aspect ratio 6:16 and wide resolution 480 x 1280. It is Litemax's Spanpixel series product which designed for brightness 700 nits with power efficiency LED backlight.

Key Features

- Ultra-Wide Screen (6 : 16)
- High Resolution 480x1280
- Brightness 700 nits
- LED Backlight
- PCT(Multi-Touch)
- Wide viewing angle
- Support Touchscreen
- Low Power Consumption



Specifications

Model Name	SSF/SSH0683-M
Description	6.8" LCD, 700 nits LED backlight, 480 x 1280
Screen Size	6.8"
Display Area (mm)	60.22 (H) x 160.59 (V)
Brightness (Typical)	700 cd/m2
Resolution	480x1280
Aspect Ratio	6 : 16
Contrast Ratio (Typical)	900 : 1
Pixel Pitch (mm)	0.1255(H) x 0.1255(V)
Pixel Per Inch (PPI)	199
Viewing Angle	160°(H),160°(V)
Color Saturation (NTSC)	84%
Display Colors	16.7M
Response Time (Typical)	25ms
Panel Interface	MIPI
Touch Interface	USB
Input Interface	HDMI
Input Power	USB (DC 5V)
Power Consumption	2.1W(3.2W with AD Control Bpard)
Dimensions (mm)	66.7 x 181.2 x 8.36
Bezel Size(U/B/L/R)	10.31/10.31/3.24/3.24
Weight (Net)	0.15kg
Operating Temperature	-20°C~70°C
Storage Temperature	-30°C~80°C

SSF= Panel + LED Driving Board + PCT

SSH= Panel + LED Driving Board + AD Control Board + PCT

Specifications are subject to change without notice.

All brands or product names are trademarks or registered trademarks of their respective companies.

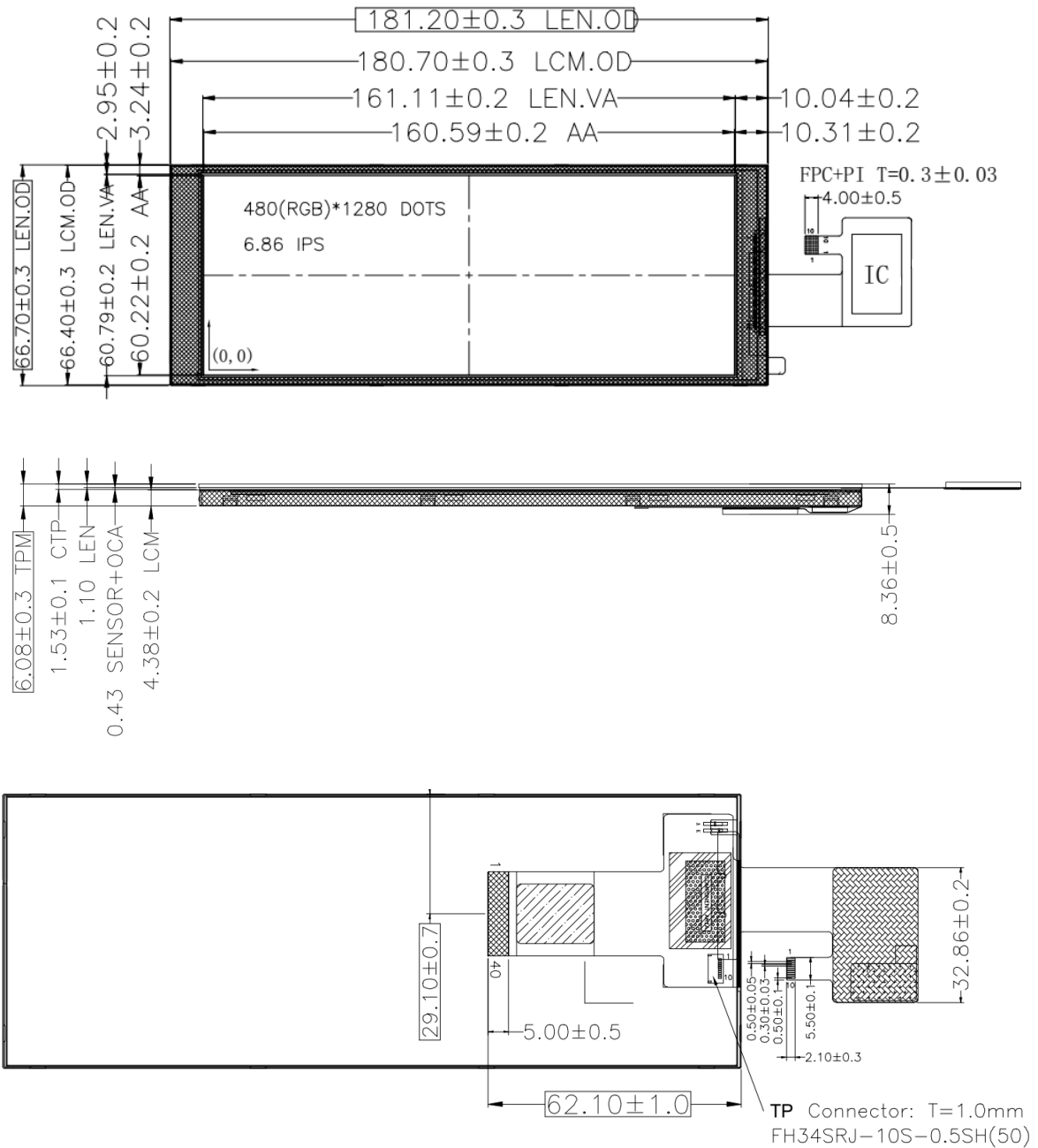


Industrial Solutions Partner!

Mechanical Drawing

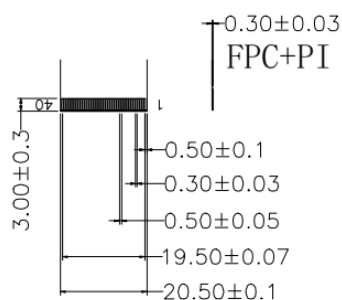
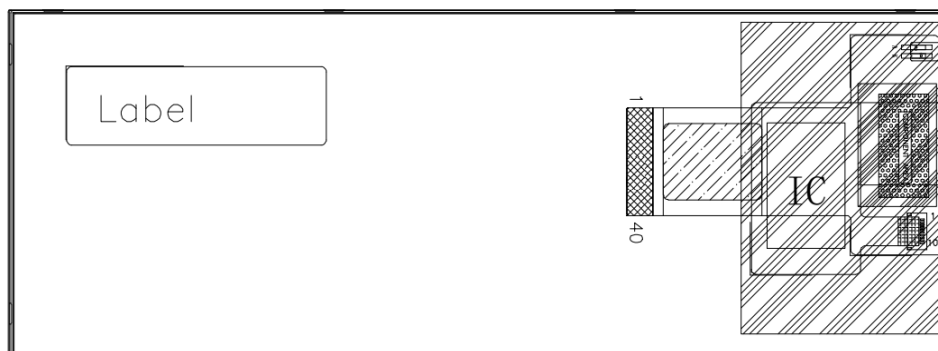
Outline Dimensions

Unit: mm





Industrial Solutions Partner!



LCM_FPC ZIF

FPC 40-Pin Define:

1	TP_VCC5V	21	GND
2	TP_twistpair -	22	VCC1.8
3	TP_twistpair +	23	VCC1.8
4	TP_GND	24	NC
5	GND	25	NC
6	D3N	26	RSTB1.8
7	D3P	27	CTP_VDD
8	GND	28	GND
9	D2N	29	LEDA
10	D2P	30	LEDA
11	GND	31	CTP_RST
12	CLKN	32	CTP_INT
13	CLKP	33	CTP_SDA
14	GND	34	CTP_SCL
15	D1N	35	LEDK
16	D1P	36	LEDK
17	GND	37	GND
18	D0N	38	VDD3.3
19	D0P	39	VDD3.3
20	GND	40	NC



Industrial Solutions Partner!

Ordering Information

Part Number	Description
SSF0683-MTN-A11	6.8", 700nits, 480*1280, T2070, MIPI, PCT T1.5mm, LID on LCM, OCA017, 10in1, V1
SSH0683-MTN-B11	6.8", 700nits, 480*1280, T2070, MIPI, PCT T1.5mm, LID on LCM, AD6911H, OCA017, USB/DC 5V, 10in1, V1

Optional Accessories

Part Number	Description
810618301010	CABLE.POWER.AC.1830mm USA type
810618301090	CABLE.POWER.AC.1830mm Europe type
810618301050	CABLE.POWER.AC.1830mm UK type
810618301170	CABLE.POWER.AC.1830mm Australia type
810618301031	CABLE.POWER.AC.1830mm Japan type

By Customer Request

Glass	Tempered glass, AR coating.....

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660