



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
- PCAP(Multi-Touch)
- Wide viewing angle
- Support Touchscreen
- Low Power Consumption



Specifications

Model Name	SSF/SSH0683-M
Description	6.8" LCD, 700 nits LED backlight, 480x1280
Screen Size	6.8"
Display Area (mm)	60.22 (H)x160.59 (V)
Brightness (Typical)	700 nits
Resolution	480x1280
Aspect Ratio	6:16
Contrast Ratio (Typical)	800:1
Pixel Pitch (mm)	0.1263(H) x 0.1263(V)
Pixel Per Inch (PPI)	201
Viewing Angle	170°(H),170°(V)
Color Saturation (NTSC)	72%
Display Colors	16.7M
Response Time (Typical)	30ms
Panel Interface	MIPI
Touch Interface	USB
Input Interface	HDMI
Input Power	USB (DC 5V)
Power Consumption	2.7W (3.8W with AD Control Board)
Dimensions (mm)	66.7(W) x 181.2(H) x 8.36(D)
Bezel Size(U/B/L/R)	10.31/10.31/3.24/3.24 mm
Weight (Net)	0.12kg
Operating Temperature	-20°C~70°C
Storage Temperature	-30°C~80°C

SSF= Panel + LED Driving Board + PCT

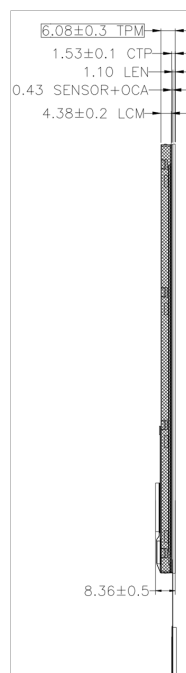
SSH= Panel + LED Driving Board + AD Control Board + PCAP

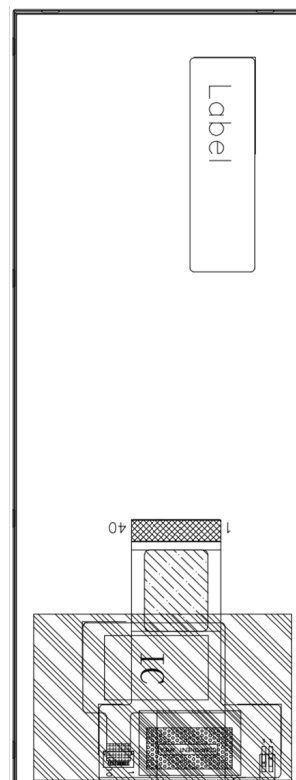
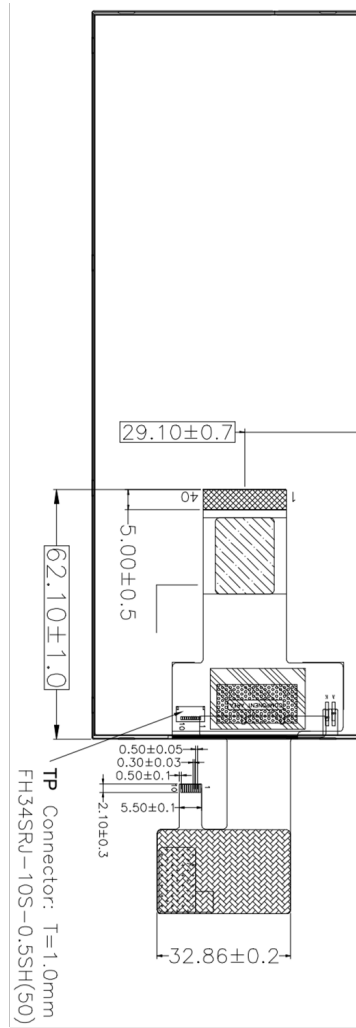
Specifications are subject to change without notice.

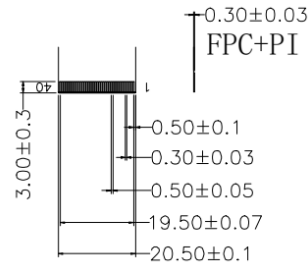
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Unit: mm







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

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.....