Lite3DP

GEN 2

SPECIFICATION FOR LCD MODULE

LITE3DP-G2-LCD
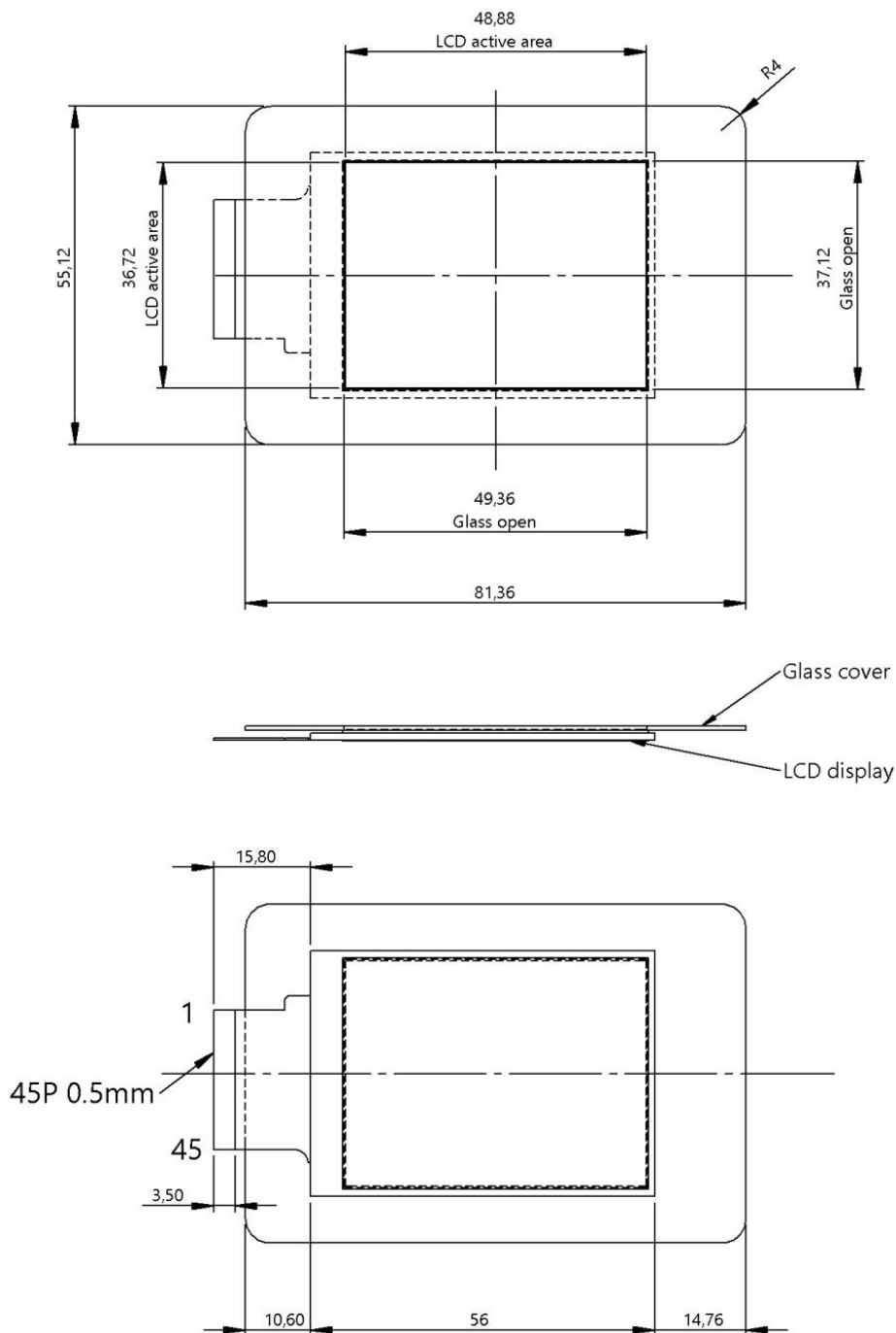
PIN N°	
1	GND
2	VCI
3	IOVCC
4	IM2
5	IM1
6	IM0
7	RST
8	CS
9	DC
10	WR(SPI SCL)
11	RD
12	VSYNC
13	HSYNC
14	ENABLE
15	DOTCLK
16	SDA
17	DB0
18	DB01
19	DB02
20	DB03
21	DB04
22	DB05
23	DB06
24	DB07
25	DB08
26	DB09
27	DB10
28	DB11
29	DB12
30	DB13
31	DB14
32	DB15
33	DB16
34	DB17
35	SDO
36	NC
37	NC
38	NC
39	NC
40	NC
41	NC
42	NC
43	NC
44	NC
45	GND

DISPLAY TYPE	2.4" – TFT LCD. 65K/262K COLORS
ACTIVE AREA	36.72 x 48.88 mm
NUMBER OF PIXELS	320(RGB) X 426
PIXEL PITCH	0.11475 X 0.11475 mm
DISPLAY MODE	TRANSMISSIVE/NORMALLY BLACK
VIEWING DIRECTION	ALL
LCM DRIVER IC	ST7796S
LCM INTERFACE	SPI+RGB/MCU
VDD/VCI	3.3V; IOVCC: 1.8-3.3V
OPERATING TEMPERATURE	-20°C TO 70°C
STORAGE TEMPERATURE	-30°C TO 80°C
ROHS COMPLIANT	YES

IM2 = IM1 = IM0 = 1: 4-WIRE 8 BIT DATA SERIAL INTERFACE (SDA, SCL, CS, RS).