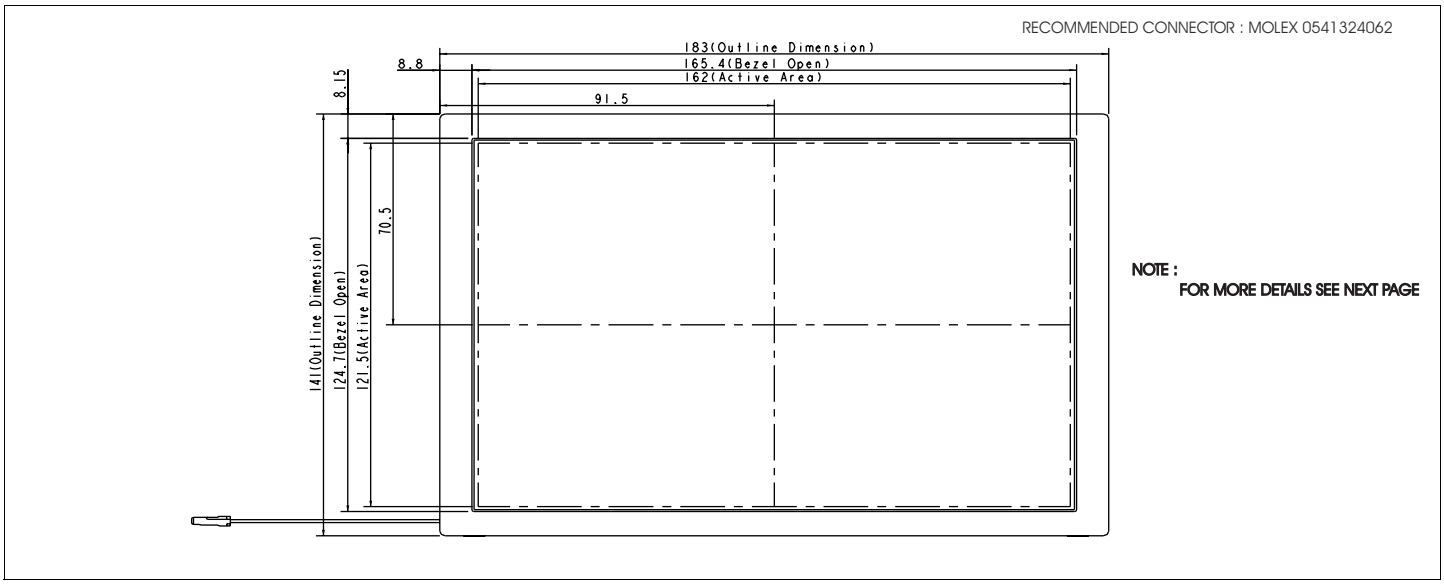
HDA800S-C

Dimensional Drawing

8" ,SVGA (800 X600) , TFT Color Graphics ,White LED Backlight



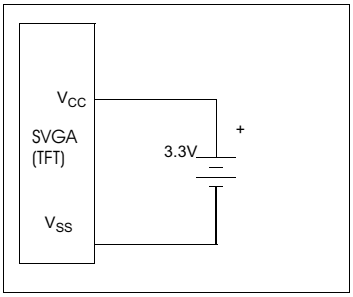
Features

Viewing Angle(H/Vl).....130/110 degrees
High Contrast.....500:1
Fast Response Time.....25 msec
Built-in Controller.....none

Physical Data

Module Size.....183W x141H x8.85T mm
Viewing Area Size.....162W x121.5 H mm
Dot Pitch.....0.205W x 0.205H mm
Weight.....TBA

Power Supply



Absolute Maximum Ratings

PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V_{CC}	-0.3	4.0	V
INPUT VOLTAGE	V_{IN}	-0.3	V_{CC} + 0.3	V
OPERATING TEMPERATURE	T_{OP}	-30	+85	°C
STORAGE TEMPERATURE	T_{STG}	-40	+95	°C

Electrical Characteristics (VCC=3.3±0.125V 25°C)

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	V_{CC}	-	3.0	3.6	3.6	V
OPERATING VOLTAGE	V_{LED}		4.5	5.0	5.5	V
INPUT HIGH VOLTAGE	V_{IH}	-	0.7*V_{CC}	-	V_{CC}	V
INPUT LOW VOLTAGE	V_{IL}		0	-	0.3*V_{CC}	V
OPERATING CURRENT	I_{CC}	V_{CC} = 3.3V	-	150	200	mA
OPERATING CURRENT LED	I_{LED}		-	TBA	-	mA
POWER CONSUMPTION	P	Logic only	-	0.5	-	W
BRIGHTNESS	L	Average	200	250	-	cd/m^2

Pin Connections

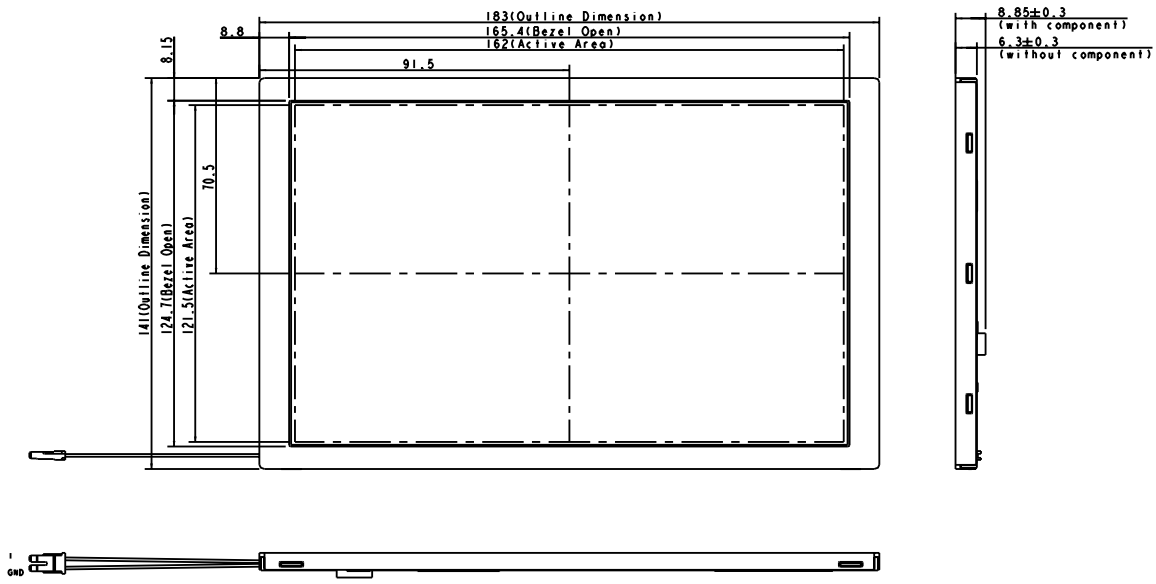
PIN NO.	SYMBOL	FUNCTION	
1	Vss	-	Power Ground
2	Vss	-	Power Ground
3	ADJ	-	LED Brightness Adjustment
4	VLED	-	Power Supply for LED (Vled = 5.0V, 5%)
5	VLED	-	Power Supply for LED (Vled = 5.0V, 5%)
6	VLED	-	Power Supply for LED (Vled = 5.0V, 5%)
7	Vcc	-	Power Supply
8	Vcc	-	Power Supply
9	DE	L	Data Enable
10	Vss	-	Power Ground
11	Vss	-	Power Ground
12	Vss	-	Power Ground
13-15	B5-B3	H/L	Blue Data 5-3
16	Vss	-	Power Ground
17-19	B2-B0	H/L	Blue Data 2-0
20	Vss	-	Power Ground
21-23	G5-G3	H/L	Green Data 5-3
24	Vss	-	Power Ground
25-27	G2-G0	H/L	Green Data 2-0
28	Vss	-	Power Ground
29-31	R5-R3	H/L	Red Data 5-3
32	Vss	-	Power Ground
33-35	R2-R0	H/L	Red Data 2-0
36	Vss	-	Power Ground
37	NC	-	No Connect
38	DCLK	H/L	Data Clock
39	NC	-	No Connect
40	NC	-	No Connect

HANTRONIX

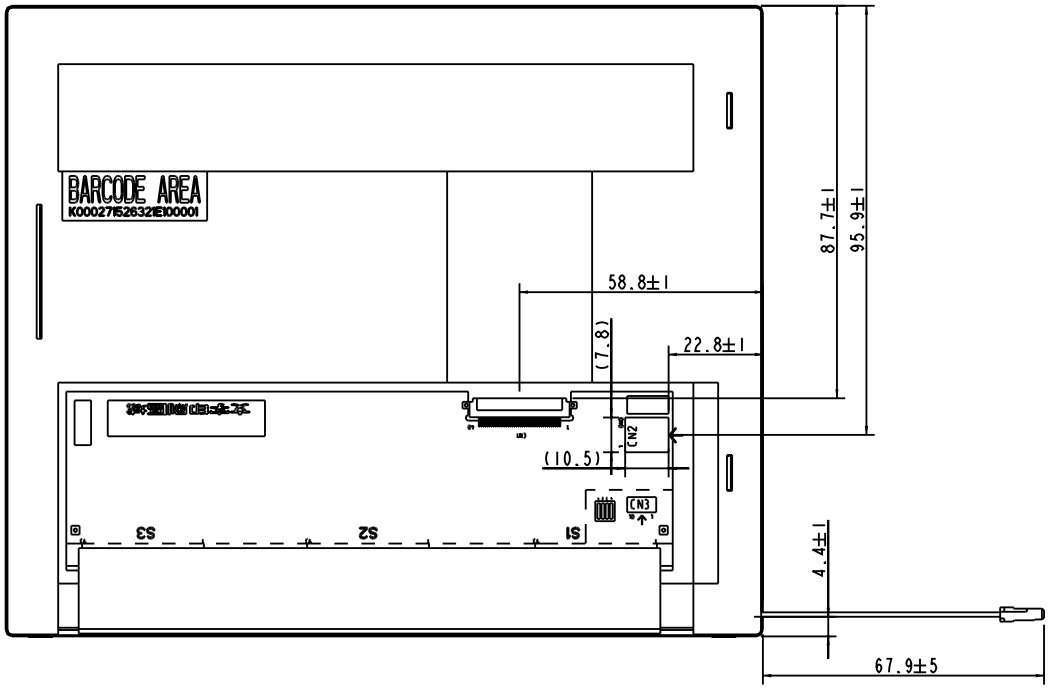
7. MECHANICAL DIMENSION

[Unit : mm]

7.1 Front Side



7.2Rear Side



NOTE:
1.UNDEFINED TOLERANCE TO BE: ±0.3mm