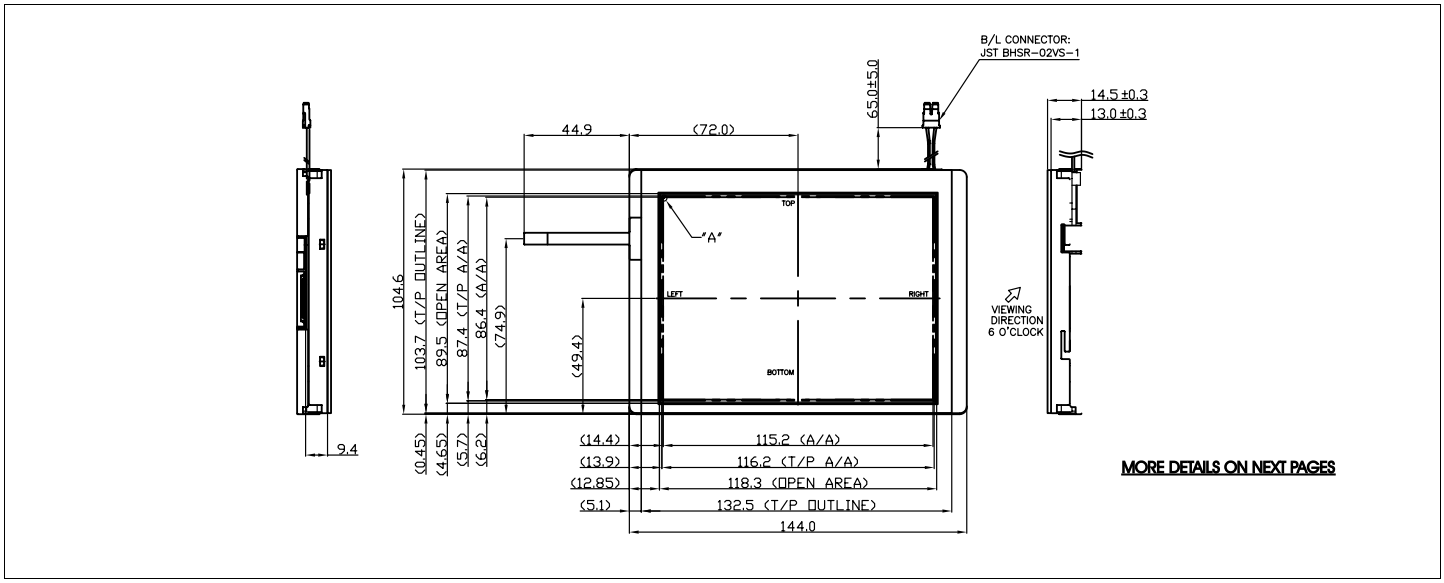
HDA570V-V

5.7", VGA, TFT, Transmissive Color, White LED Backlight

Dimensional Drawing



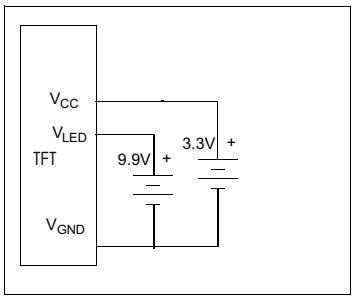
Features

Viewing Angle(H/V).....120/105 degrees
High Contrast.....400:1
Fast Response Time.....45 msec
Built-in DC-DC Converter
Built-in Controller.....none
Touch Screen .....optional

Physical Data

Module Size.....144.0W x104.6H x 13.0T mm
Viewing Area Size.....115.2W x 86.4H mm
Dot Pitch.....0.060W x 0.180H mm
Weight.....TBA

Power Supply



Absolute Maximum Ratings

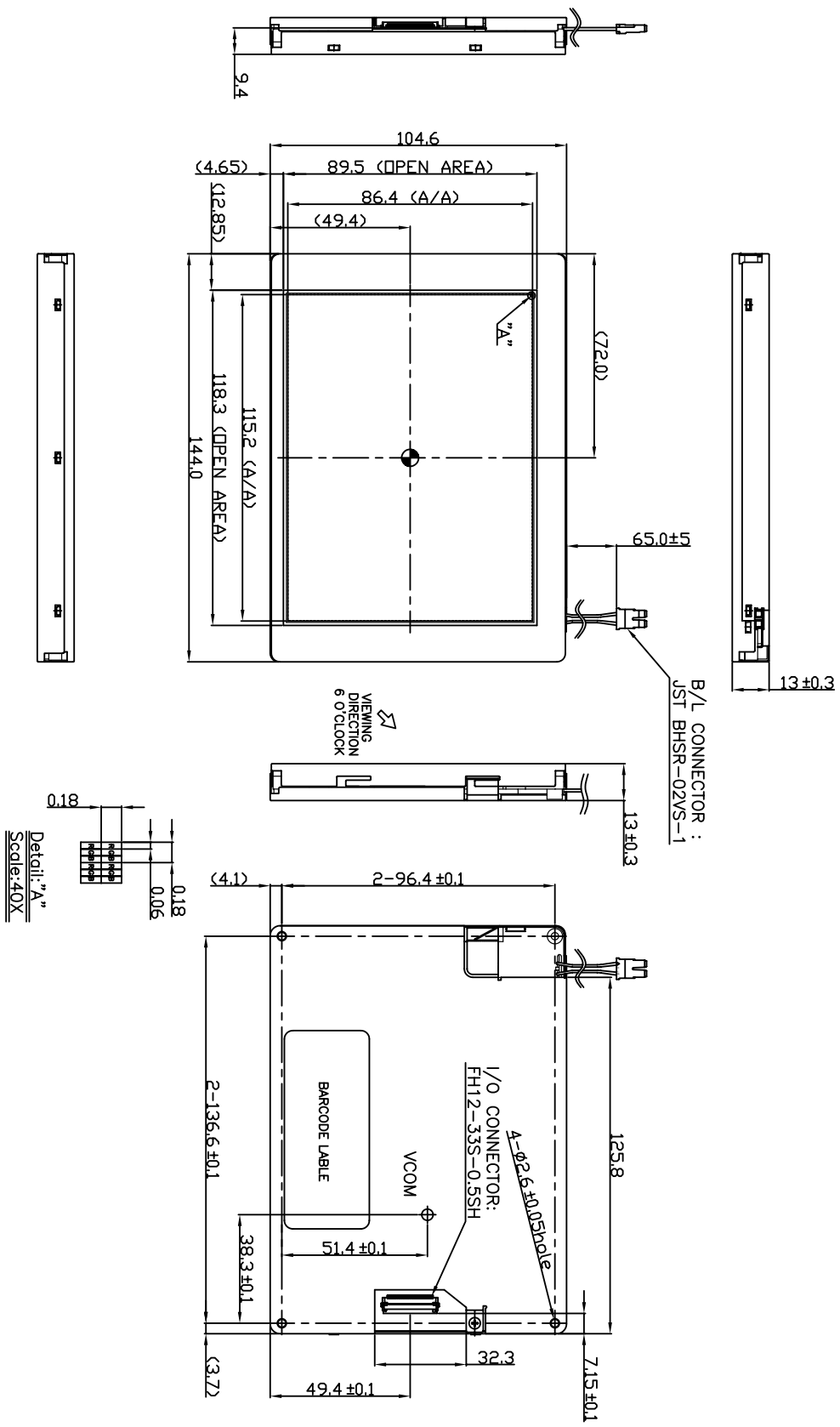
PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V_{CC}	-0.3	4.3	V
BACKLIGHT CURRENT (LED)	I_{LED}	-	175	mA
BACKLIGHT VOLTAGE (LED)	V_{LED}	-	15	V
INPUT VOLTAGE	V_{IN}	-0.3	V_{DD} +0.3	V
OPERATING TEMPERATURE	T_{OP}	-20	70	°C
STORAGE TEMPERATURE	T_{STG}	-30	80	°C

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

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	V_{CC}	-	3.0	3.3	3.6	V
INPUT HIGH VOLTAGE	V_{IH}	-	0.7VDD	-	V_{DD}	V
INPUT LOW VOLTAGE	V_{IL}	-	0	-	0.3VDD	V
OPERATING CURRENT	I_{CC}	-	-	TBA		mA
LED OPERATING VOLTAGE	V_{LED}	I_F= 140 mA	-	9.9	-	V
OPERATING CURRENT	I_{FLED}		-	140	-	mA
POWER CONSUMPTION	P_D	-	-	TBA	-	W
BRIGHTNESS	L	Average	280	340	-	cd/m^2

Pin Connections

PIN NO	SYMBOL	FUNCTION	
1	VSS	-	Ground Pin
2	CLK	H/L	Data Sammpling Clock
3	Hsync	L	Horizontal Sync.
4	Vsync	L	Vertical Sync.
5	VSS	-	Ground Pin
6	R0	H/L	Red Data Signal (LSB)
7	R1	H/L	Red Data Signal
8	R2	H/L	Red Data Signal
9	R3	H/L	Red Data Signal
10	R4	H/L	Red Data Signal
11	R5	H/L	Red Data Signal (MSB)
12	VSS	-	Ground Pin
13	G0	H/L	Green Data Signal (LSB)
14	G1	H/L	Green Data Signal
15	G2	H/L	Green Data Signal
16	G3	H/L	Green Data Signal
17	G4	H/L	Green Data Signal
18	G5	H/L	Green Data Signal (MSB)
19	VSS	-	Ground Pin
20	B0	H/L	Blue Data Signal (LSB)
21	B1	H/L	Blue Data Signal
22	B2	H/L	Blue Data Signal
23	B3	H/L	Blue Data Signal
24	B4	H/L	Blue Data Signal
25	B5	H/L	Blue Data Signal
26	VSS	-	Ground Pin
27	DEN		Data Enable Input
28	VCC	-	3.3V Power Supply
29	VCC	-	3.3V Power Supply
30	REV	H/L	Horizontal Display Mode
31	VSS	-	Ground Pin
32	DISP	H/L	ON/OFF Control Input
33	VSS	-	Ground Pin


9.4
104.6
(4.65)
89.5 (OPEN AREA)
86.4 (A/A)
(12.85)
(49.4)
"A"
(72.0)
118.3 (OPEN AREA)
115.2 (A/A)
144.0
65.0±5
13±0.3
B/L CONNECTOR :
JST BHSR-02VS-1
VIEWING
DIRECTION
6 O'CLOCK
13±0.3
0.18
Detail:"A"
Scale:40X
0.18
0.06
(4.1)
2-96.4±0.1
2-136.6±0.1
BARCODE LABLE
VCOM
I/O CONNECTOR:
FH12-33S-0.5SH
4-Ø2.6±0.05hole
125.8
38.3±0.1
51.4±0.1
32.3
(3.7)
49.4±0.1
7.15±0.1

TOUCH SCREEN OPTION

