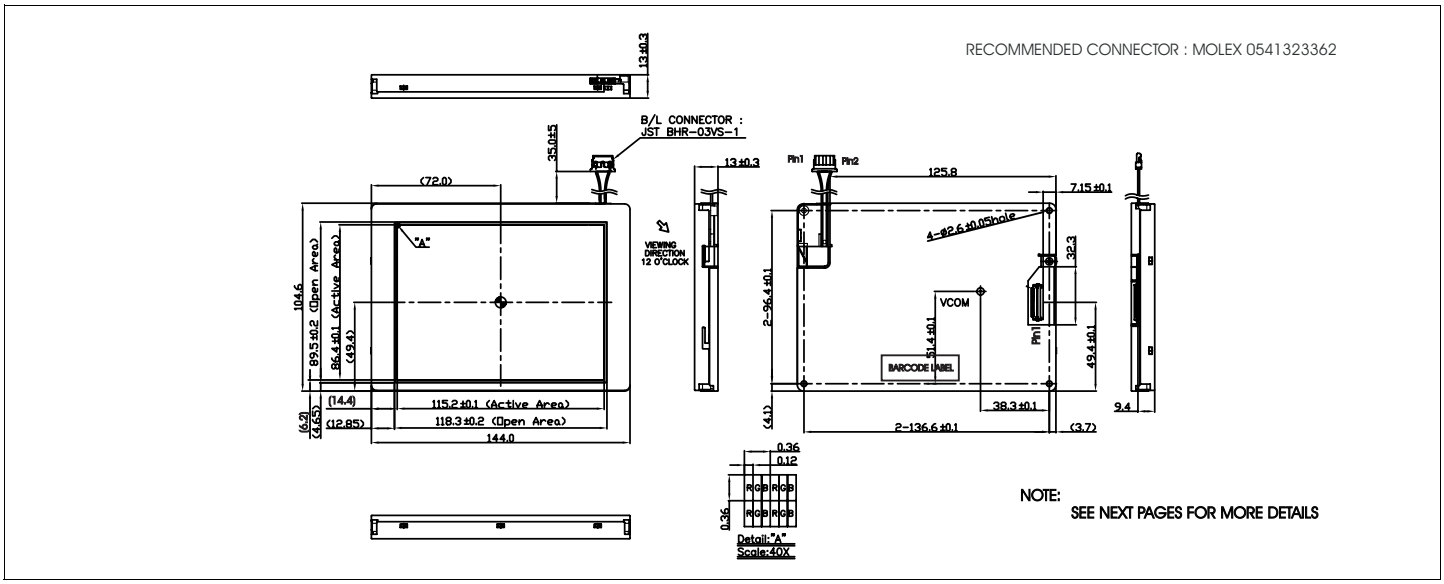
HDA570S-H

Dimensional Drawing

5.7" , QVGA (TFT) Color Graphics , High Brightness CCFL Backlight



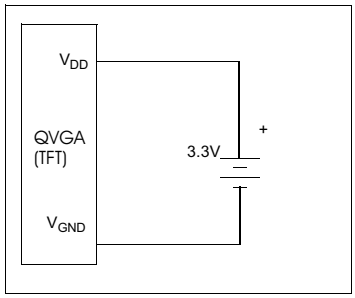
Features

Viewing Angle(U/D/R/L).....60/60/50/40 degrees
High Contrast.....450:1
Fast Response Time (Tr+Tf).....50 msec
Built-in Controller.....none

Physical Data

Module Size.....144.0W x104.6H x13.0T mm
Viewing Area Size.....118.3W x89.5 H mm
Dot Pitch.....0.12W x 0.36H mm
Weight.....192g

Power Supply



Absolute Maximum Ratings

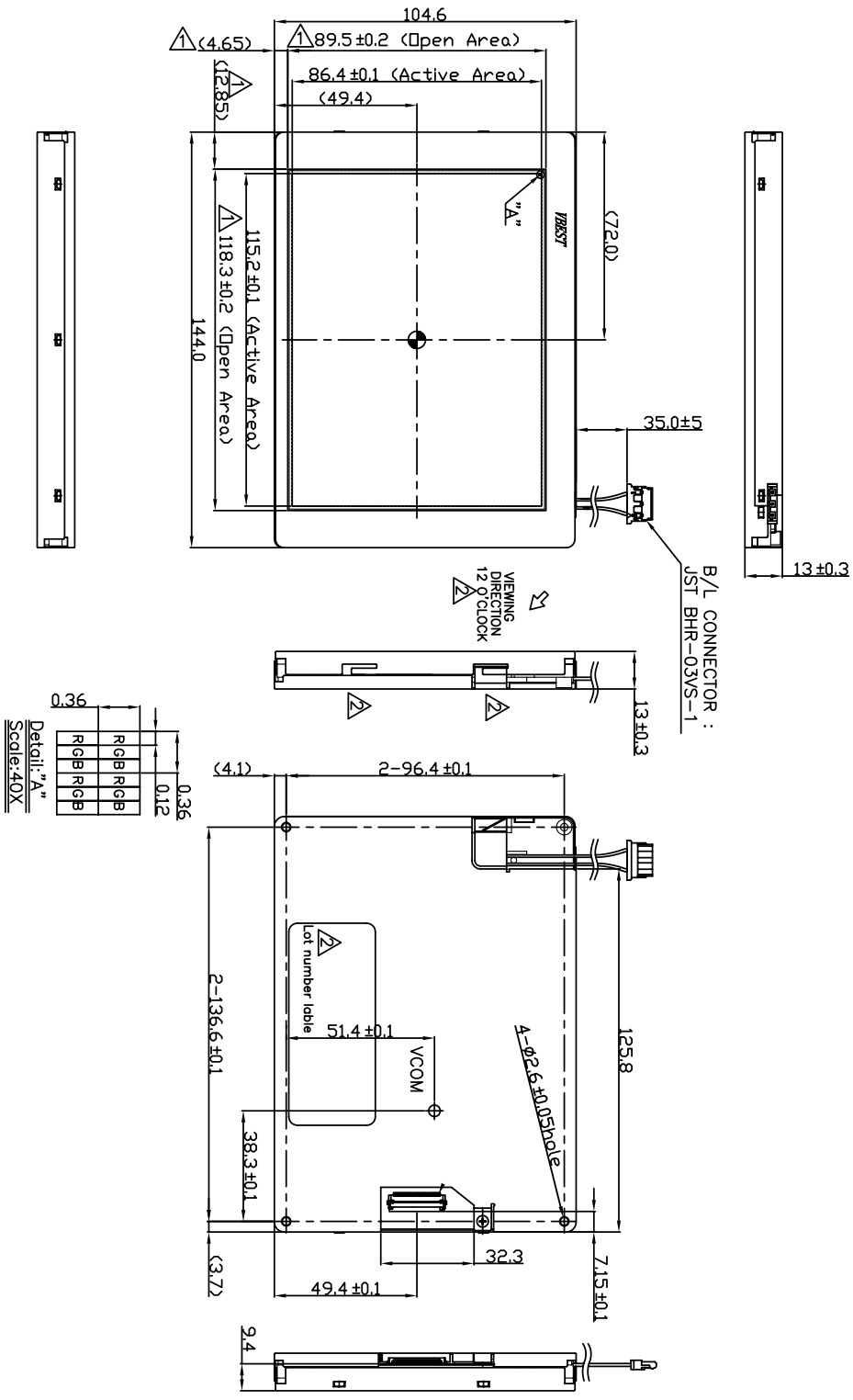
PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V_{DD}	-0.3	4.3	V
INPUT VOLTAGE	V_{IN}	-0.3	V_{DD} + 0.3	V
OPERATING TEMPERATURE	T_{OP}	-20	+70	°C
STORAGE TEMPERATURE	T_{STG}	-30	+80	°C

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

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	V_{DD}	-	3.0	3.3	3.6	V
OPERATING VOLTAGE CCFL	V_{CCFL}	I = 6 mArms	-	825	-	Vrms
INPUT HIGH VOLTAGE	V_{IH}		0.7*V_{DD}	-	V_{DD}	V
INPUT LOW VOLTAGE	V_{IL}		0	-	0.3*V_{DD}	V
OPERATING CURRENT	I_{DD}		-	73	-	mA
OPERATING CURRENT CCFL	I_{CCFL}		5.5	6.0	6.5	mArms
POWER CONSUMPTION	P_D		-	0.24	-	W
BRIGHTNESS	L	Average	800	850	-	cd/m^2

Pin Connections

PIN NO.	SYMBOL	FUNCTION	
1	GND	-	Ground Pin
2	CK	H/L	Data Sammpling Clock
3	Hsync	L	Horizontal Sync.
4	Vsync	L	Vertical Sync.
5	GND	-	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	GND	-	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	GND	-	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	GND	-	Ground Pin
27	DENAB	L	Data Enable Input
28	VDD	-	3.3V Power Supply
29	VDD	-	3.3V Power Supply
30	RL	H/L	Horizontal Display Mode
31	UD	H/L	Vertical Display Mode
32	NC	-	No Connection
33	GND	-	Ground Pin


104.6
(4.65)
89.5 ±0.2 (Open Area)
86.4 ±0.1 (Active Area)
(49.4)
(2.85)
"A"
TEST
(72.0)
115.2 ±0.1 (Active Area)
118.3 ±0.2 (Open Area)
144.0
35.0±5
13 ±0.3
B/L CONNECTOR :
JST BHR-03VS-1
VIEWING
DIRECTION
12 O'CLOCK
13±0.3
0.36
Detail: "A"
Scale:40X
RGB RGB RGB
RGB RGB RGB
0.12
0.36
(4.1)
2-96.4 ±0.1
Lot number lable
2-136.6 ±0.1
51.4 ±0.1
VCOM
4-Ø2.6 ±0.05hole
125.8
38.3±0.1
32.3
(3.7)
49.4 ±0.1
7.15 ±0.1
9.4

With TOUCH SCREEN

