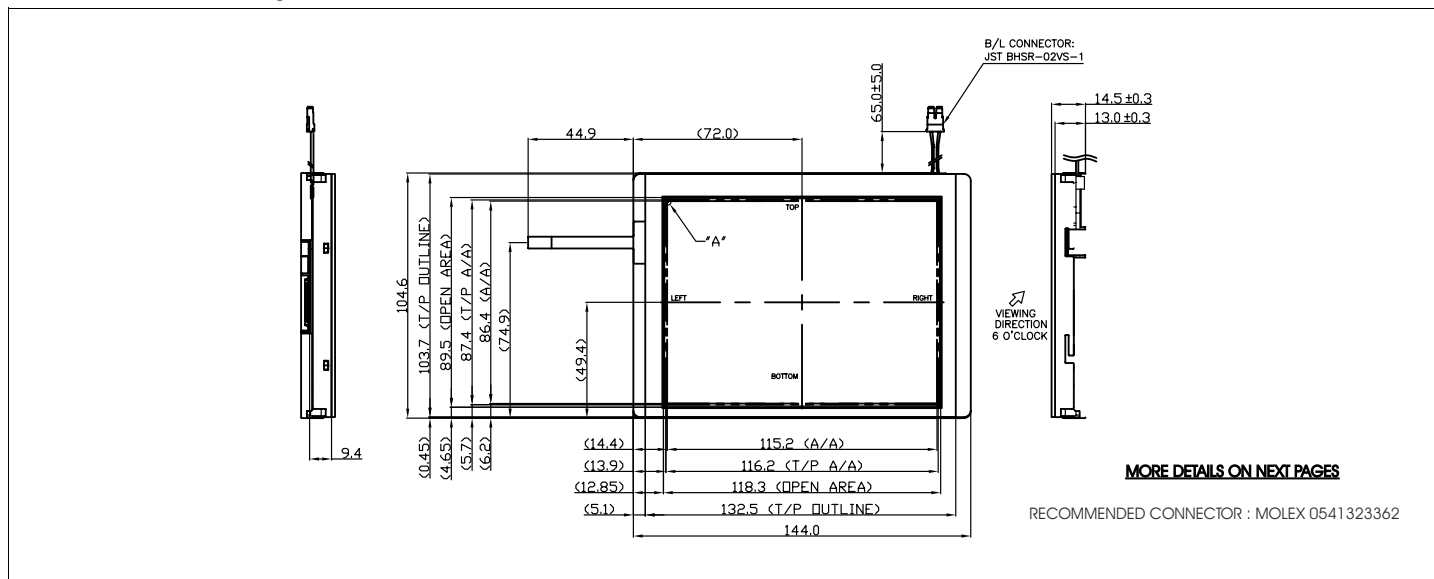


HDA570V-V

Dimensional Drawing

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



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 Screenoptional

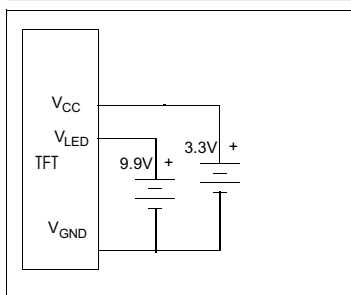
Electrical Characteristics (VCC=3.3±0.125V 25°C)

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	V _{CC}	-	3.0	3.3	3.6	V
INPUT HIGH VOLTAGE	V _{IH}	-	0.7V _{DD}	-	V _{DD}	V
INPUT LOW VOLTAGE	V _{IL}	-	0	-	0.3V _{DD}	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

Physical Data

Module Size.....144.0W x 104.6H x 13.0T mm
 Viewing Area Size.....115.2W x 86.4H mm
 Dot Pitch.....0.060W x 0.180H mm
 Weight.....216g

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

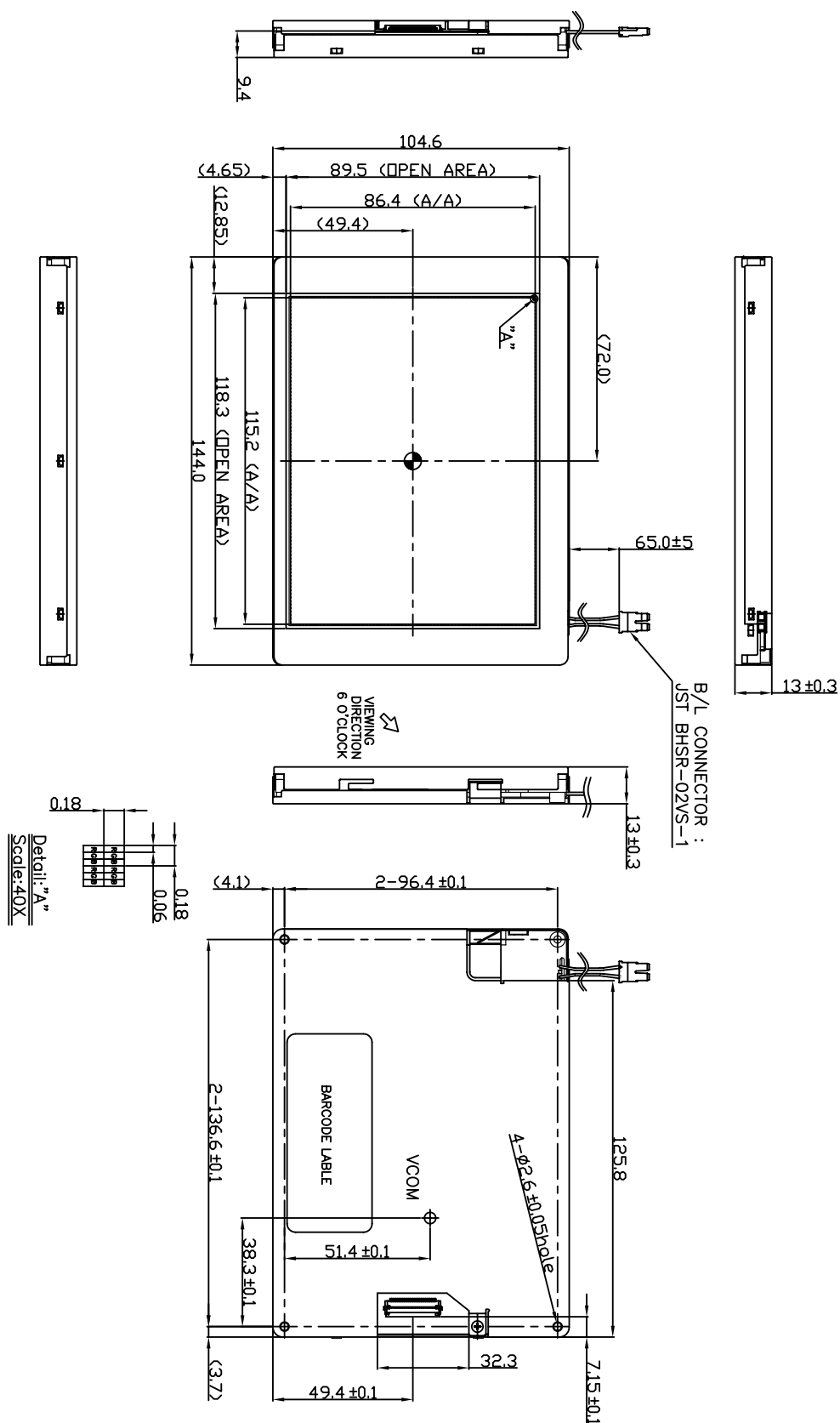
Pin Connections

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

HDA570V-V

Dimensional Drawing

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



HANTRONIX

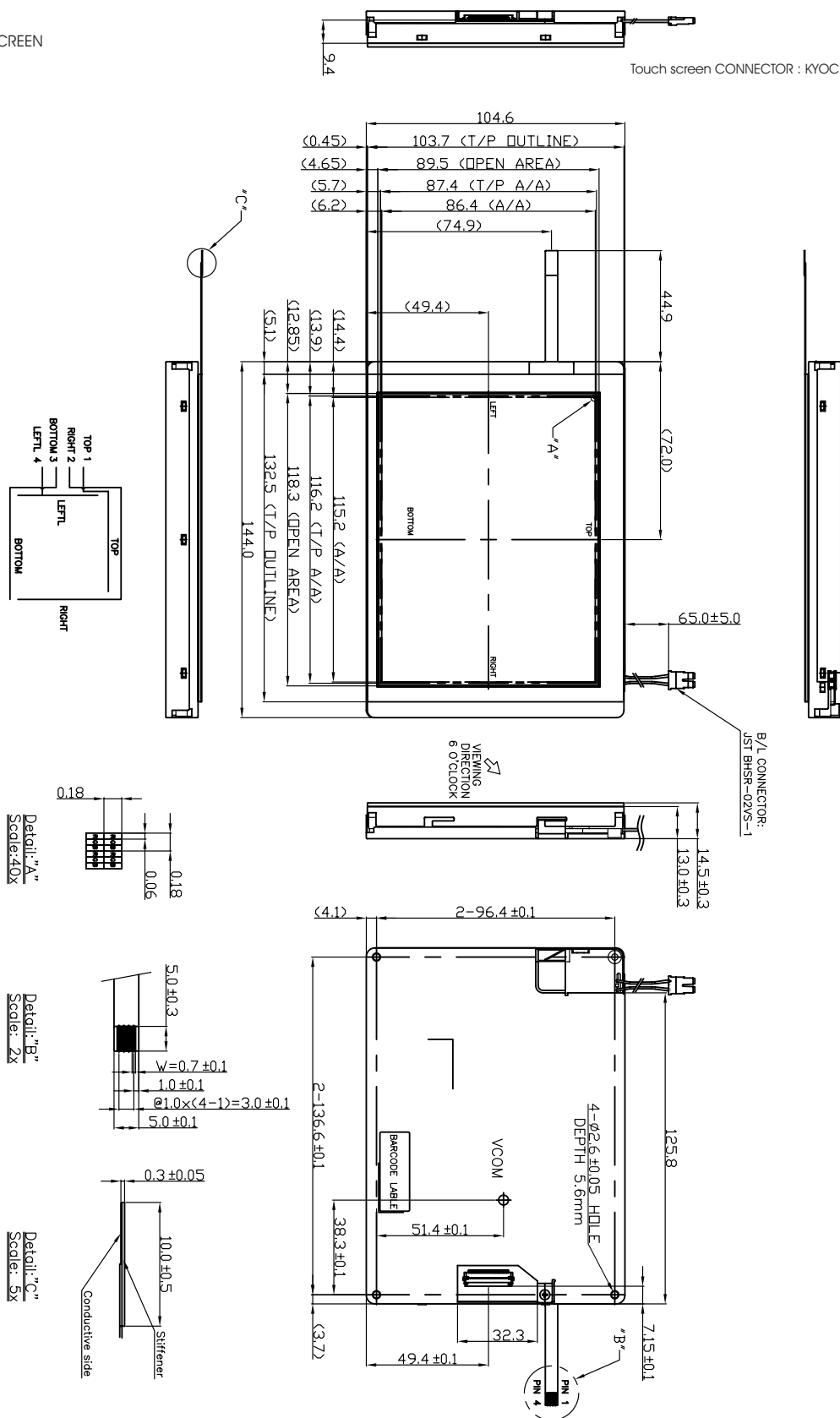
HDA570VT - V

Dimensional Drawing

5.7" , VGA, TFT, with Touch Screen, White LED Backlight

With TOUCH SCREEN

Touch screen CONNECTOR : KYOCERA-ELCO 046227004100829+



HANTRONIX

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hantronix:](#)

[HDA570V-V](#) [HDA570VT-V](#)