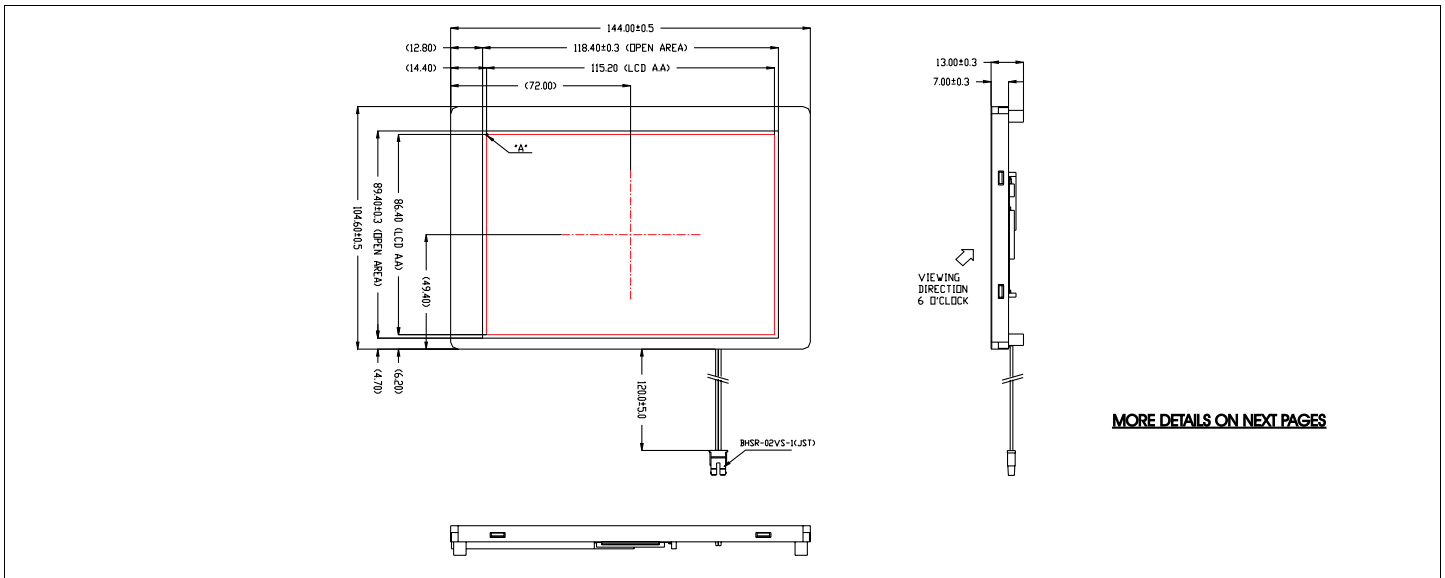


HDA570V-GH

Dimensional Drawing

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



MORE DETAILS ON NEXT PAGES

Features

- Viewing Angle(H/V).....130/120 degrees
- High Contrast.....500:1
- Fast Response Time.....40 msec
- Built-in DC-DC Converter
- Built-in Controller.....none
- Touch Screenoptional
- High Brightness900 Cd/m²

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}	-	-	120	-	mA
LED OPERATING VOLTAGE	V _{LED}	I _f = 200 mA	-	9.6	-	V
OPERATING CURRENT	I _{FLED}	-	-	200	-	mA
POWER CONSUMPTION	P _D	-	-	2.1	-	W
BRIGHTNESS	L	Average	700	900	-	cd/m ²

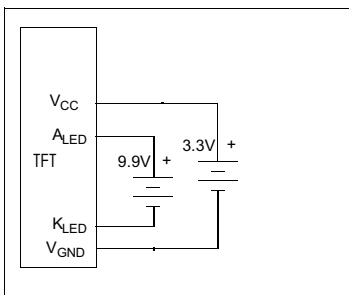
Physical Data

- Module Size.....144.0W x104.6H x 13.0T mm
- Viewing Area Size.....118.4W x 89.4H mm
- Dot Pitch.....0.181W x 0.181H mm
- Weight.....154g

Pin Connections

PIN NO	SYMBOL		FUNCTION
1	VSS	-	Ground Pin
2	CLK	H/L	Data Sampling 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	NC	-	No Connect
33	VSS	-	Ground Pin

Power Supply



Absolute Maximum Ratings

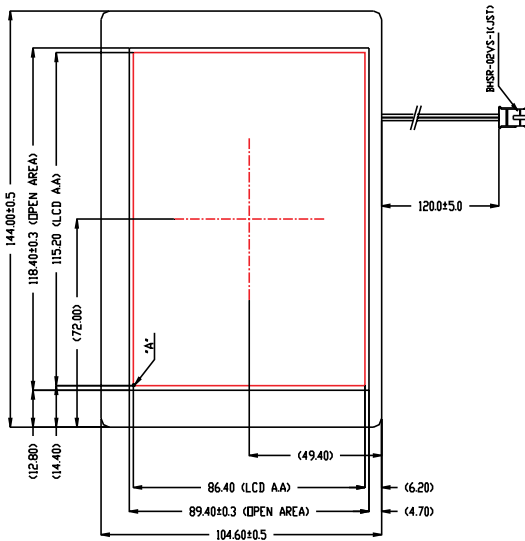
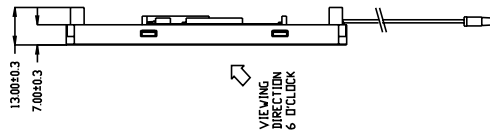
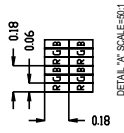
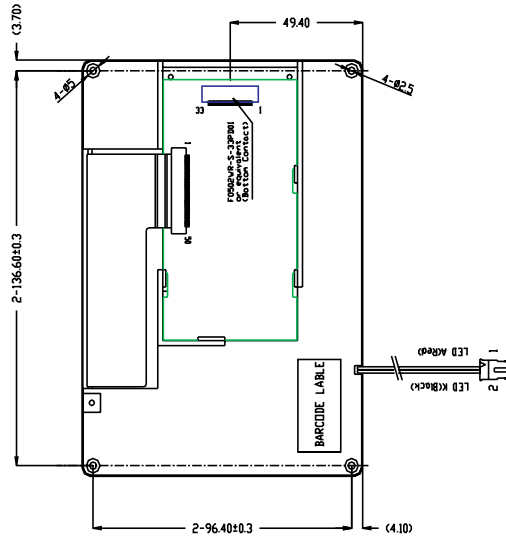
PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V _{CC}	0	5	V
BACKLIGHT CURRENT (LED)	I _{fLED}	-	TBA	mA
INPUT VOLTAGE	V _{IN}	-0.5	V _{DD} +0.5	V
OPERATING TEMPERATURE	T _{OP}	-20	70	°C
STORAGE TEMPERATURE	T _{STG}	-30	80	°C

HDA570V-GH

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NO TOUCH SCREEN OPTION



PIN ASSIGNMENT:

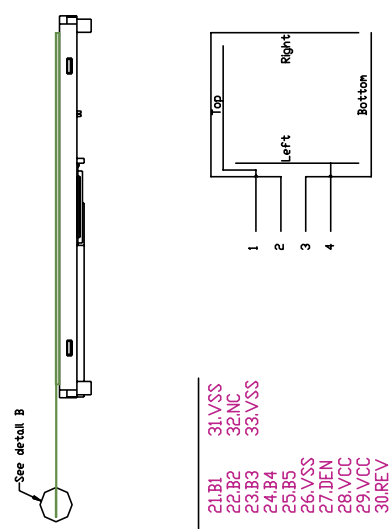
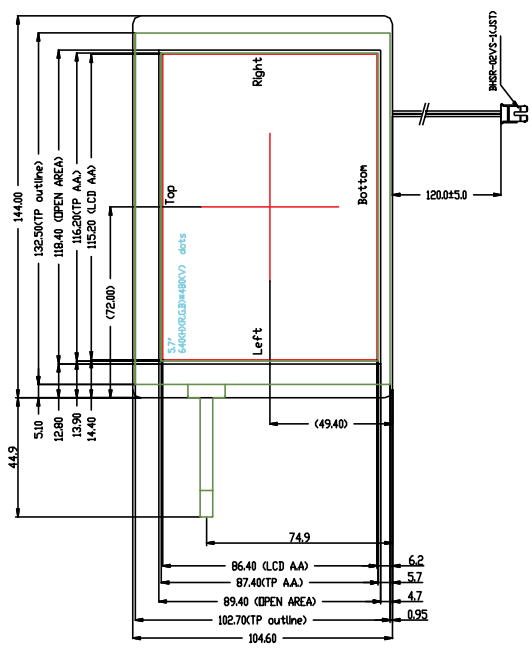
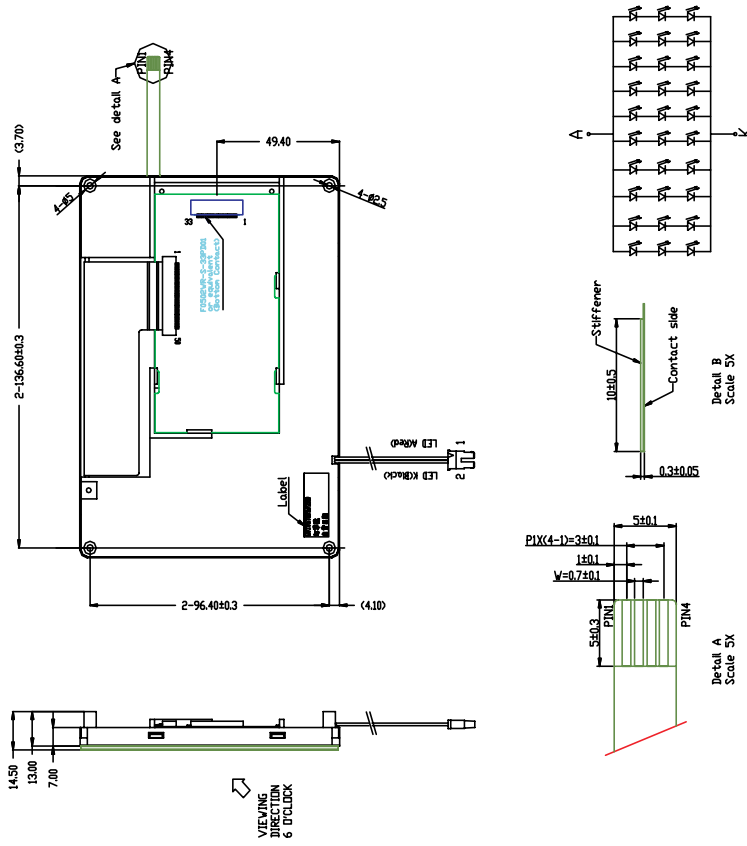
1.VSS	11.R5	21.B1	31.VSS
2.CLK	12.VSS	22.B2	32.NC
3.IHS	13.G0	23.B3	33.VSS
4.IVS	14.G1	24.B4	
5.VSS	15.G2	25.B5	
6.R0	16.G3	26.VSS	
7.R1	17.G4	27.DEN	
8.R2	18.G5	28.VCC	
9.R3	19.VSS	29.VCC	
10.R4	20.B0	30.REV	

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TOUCH SCREEN OPTION



PIN ASSIGNMENT:

1.VSS	11.R5	21.B1	31.VSS
2.CLK	12.VSS	22.B2	32.NC
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7.R1	17.G4	27.DEN	
8.R2	18.G5	28.VCC	
9.R3	19.VSS	29.VCC	
10.R4	20.B0	30.REV	