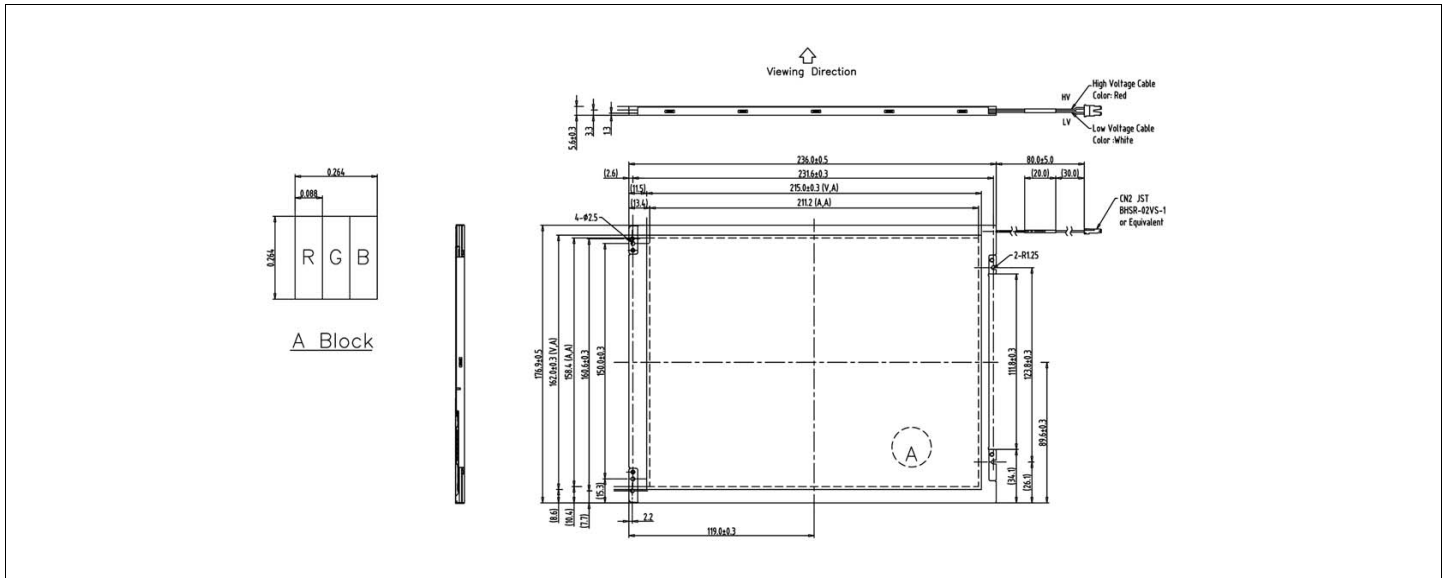


HDA1040S

Dimensional Drawing

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



Features

Viewing Angle(H/V).....130/110 degrees
 High Contrast.....400:1
 Fast Response Time(R/F).....25 msec
 Built-in Controller.....none
 LVDS Interface Logic.....
 Touch screenoptional

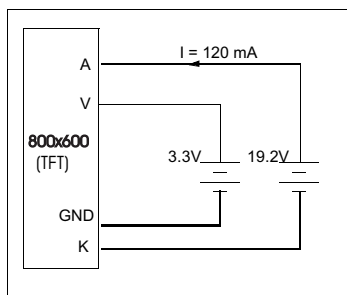
Physical Data

Module Size.....236.0W x176.9H x5.6T mm
 Viewing Area Size.....215.0 W x162.0 H mm
 Dot Pitch.....0.264W x 0.264H mm
 Weight.....288 g

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
OPERATING VOLTAGE(WLED)	V _{WLED}	-	-	19.2	-	V
INPUT DIF. VOLTAGE (LVDS)	V _{ID}	-	100	-	600	mV
INPUT COM. MODE VOLT.	V _{CM}	-	-	-	1.40	V
OPERATING CURRENT	I _{CC}	V _{CC} = 3.3V	-	260	380	mA
OPERATING CURRENT (CCFL)	I _{CCFL}	-	-	120	-	mA
POWER CONSUMPTION	P	-	-	3.16	-	W
BRIGHTNESS	L	-	350	400	-	cd/m ²

Power Supply



Pin Connections

PIN NO.	SYMBOL		FUNCTION
1	V	-	+3.3V Power Supply
2	V	-	+3.3V Power Supply
3	GND	-	Ground
4	GND	-	Ground
5	RXIN0 -	H/L	LVDS (-) - channel 0
6	RXIN0+	H/L	LVDS (+) - channel 0
7	GND	-	Ground
8	RXIN1 -	H/L	LVDS (-) - channel 1
9	RXIN1 +	H/L	LVDS (+) - channel 1
10	GND	-	Ground
11	RXIN2 -	H/L	LVDS (-) - channel 2
12	RXIN2+	H/L	LVDS (+) - channel 2
13	GND	-	Ground
14	RXCLK -	H/L	LVDS (-) - clock
15	RXCLK+	H/L	LVDS (+) - clock
16	GND	-	Ground
17	NC	-	No Connection
18	NC	-	No Connection
19	GND	-	Ground
20	GND	-	Ground

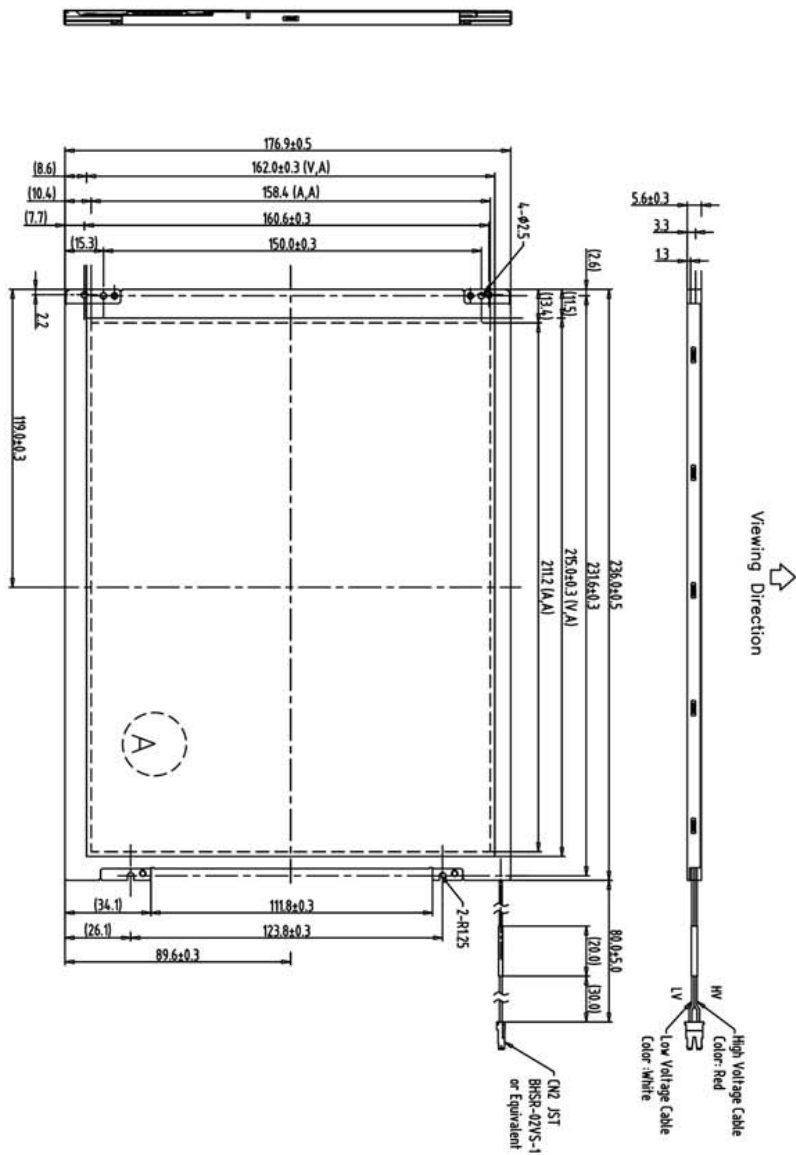
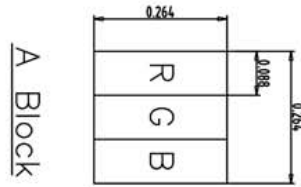
Absolute Maximum Ratings

PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V _{CC}	-0.5	5.0	V
INPUT VOLTAGE	V _{IN}	-0.5	5.0	V
OPERATING TEMPERATURE	T _{OP}	-20	+70	°C
STORAGE TEMPERATURE	T _{STG}	-30	+80	°C

HDA1040S

Dimensional Drawing

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



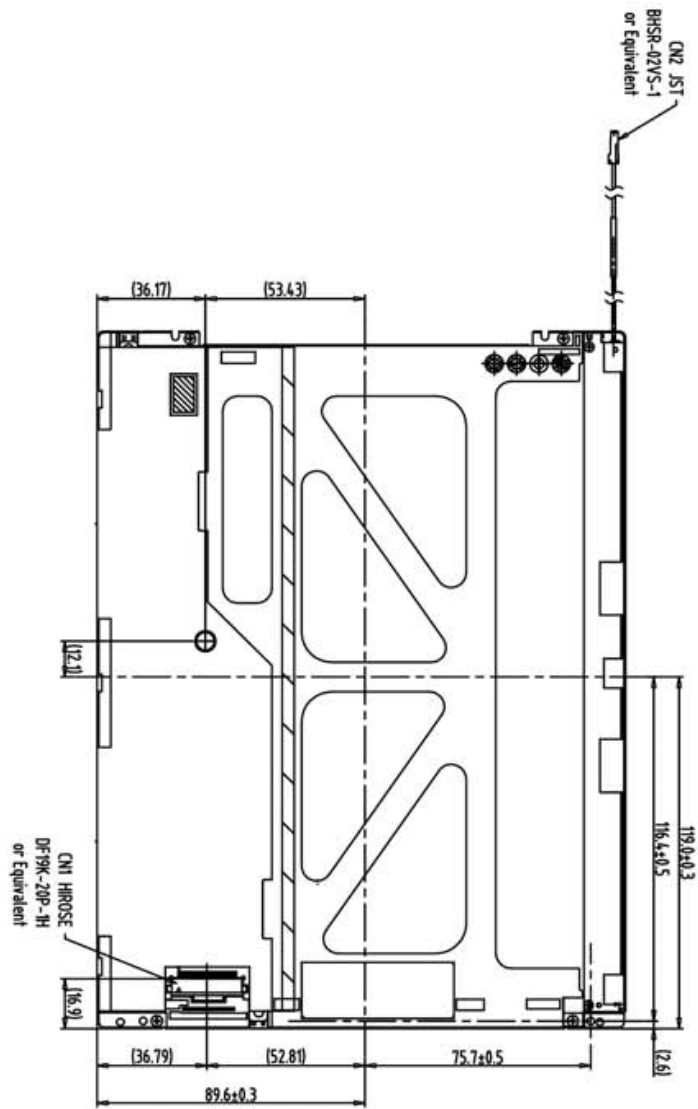
HDA1040S

Dimensional Drawing

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

CN2	
1	VL1
2	VL2

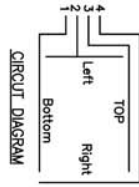
CN1			
1	VDD	11	IN2-
2	VDD	12	IN2+
3	GND	13	GND
4	GND	14	CLK-
5	IN0-	15	CLK+
6	IN0+	16	GND
7	GND	17	NC.
8	IN1-	18	NC.
9	IN1+	19	GND
10	GND	20	GND



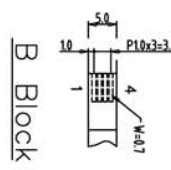
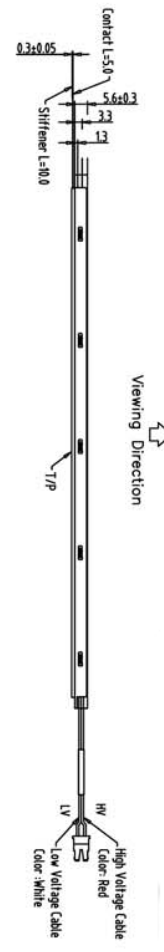
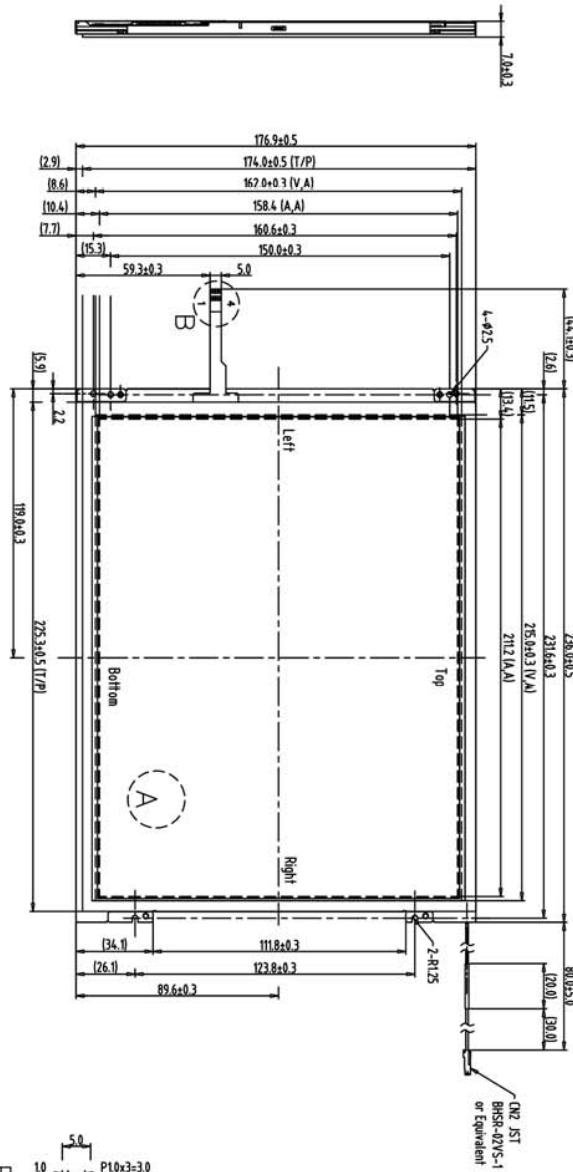
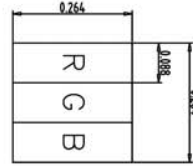
Back View

With TOUCH SCREEN

1	Bottom
2	Left
3	Top
4	Right



A Block



- Note:
1. Unless indicated, Tolerance Grade "B" is adopted.
 2. UV Glue For OLB Protection.

HDA1040ST

Dimensional Drawing

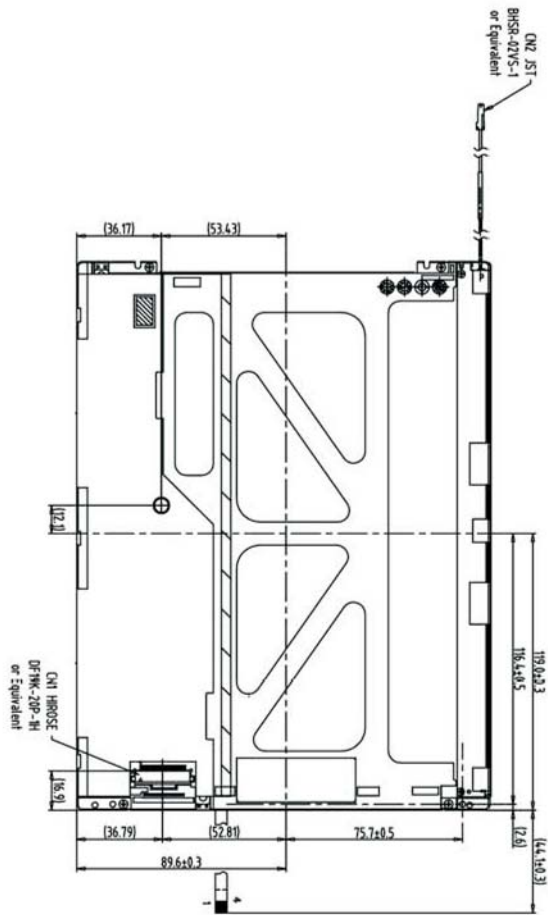
10.4", SVGA (800 X600) , TFT, With Touch Screen, White LED Backlight

With TOUCH SCREEN

- Note:
1. Unless indicated, Tolerance Grade "B" is adopted.
 2. UV Glue For OLB Protection.

CN2	
1	VL1
2	VL2

CN1	
1	VDD
2	VDD
3	GND
4	GND
5	IN0-
6	IN0+
7	GND
8	IN1-
9	IN1+
10	GND
11	IN2-
12	IN2+
13	GND
14	CLK-
15	CLK+
16	GND
17	NC.
18	NC.
19	GND
20	GND



Back View