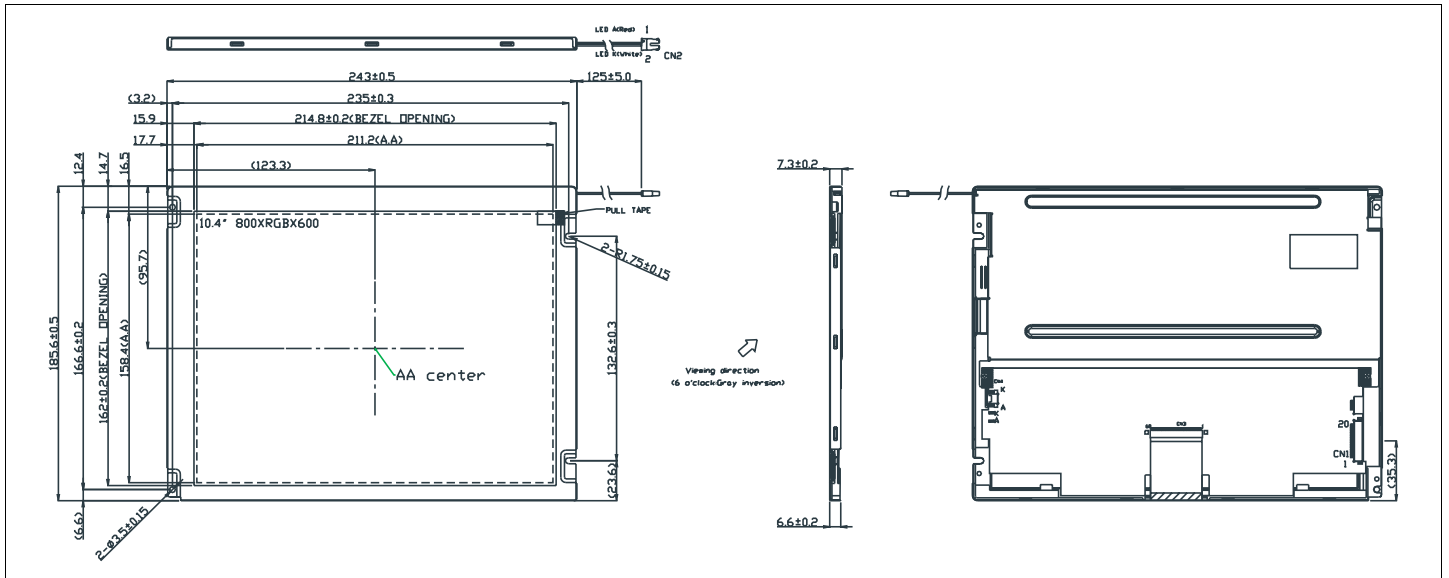


HDA1040S-GH

Dimensional Drawing

10.4", SVGA (800 X600) , High Brightness



Features

- Viewing Angle(H/V).....140/110 degrees
- High Contrast.....500:1
- Fast Response Time(R/F).....20 msec
- LVDS Interface Logic.....
- Touch screenoptional

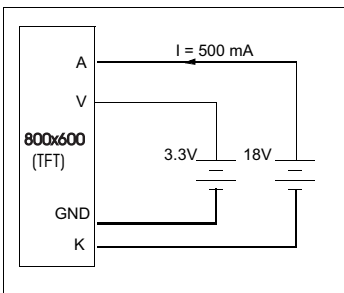
Physical Data

- Module Size.....243.0W x185.6H x7.3T mm
- Active Area Size.....211.2 W x158.0 H mm
- Dot Pitch.....0.264W x 0.264H mm
- Weight.....TBD

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(WLED)	V _{WLED}	-	17	18	21.6	V
INPUT DIF. VOLTAGE (LVDS)	V _{ID}	-	100	-	600	mV
INPUT COM. MODE VOLT.	V _{CM}	-	-	-	1.40	V
OPERATING CURRENT	I _{DD}	V _{DD} = 3.3V	-	TBD	-	mA
OPERATING CURRENT (WLED)	I _{WLED}	-	-	500	-	mA
POWER CONSUMPTION	P	-	-	TBD	-	W
BRIGHTNESS	L	-	1000	1300	-	cd/m ²

Power Supply



Pin Connections

PIN NO.	SYMBOL		FUNCTION
1	VDD	-	+3.3V Power Supply
2	VDD	-	+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	RxCLKIN -	H/L	LVDS (-) - Clock
15	RxCLKIN -	H/L	LVDS (-) - Clock
16	GND	-	Ground
17	NC	-	No Connection
18	NC	-	No Connection
19	NC	-	No Connection
20	NC	-	No Connection

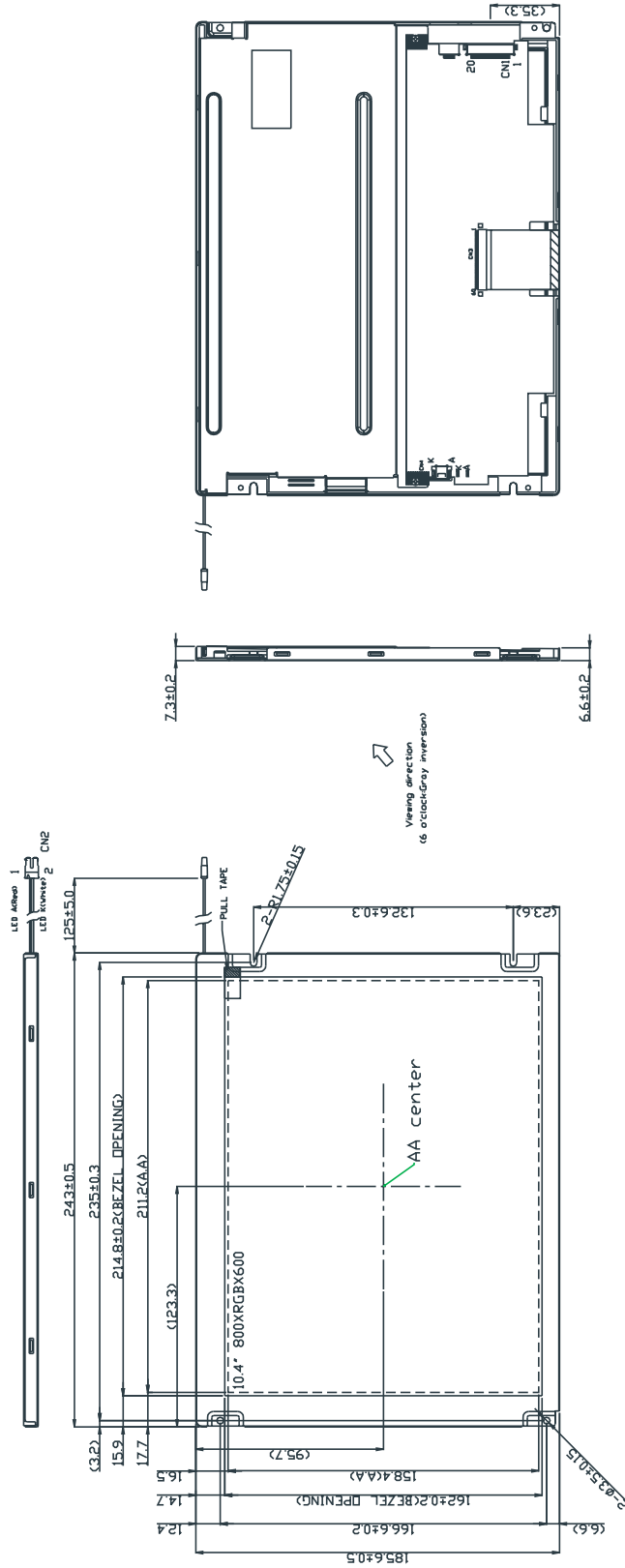
Absolute Maximum Ratings

PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V _{CC}	-0.5	5.0	V
CURRENT OF BACKLIGHT	I _B	-	600	mA
OPERATING TEMPERATURE	T _{OP}	-20	+70	°C
STORAGE TEMPERATURE	T _{STG}	-30	+80	°C

HDA1040S-GH

Dimensional Drawing

10.4", SVGA (800 X600) , High Brightness



CN1: SMT MSB24013P20HA or Equivalent
 CN2: BHSR-02VS-1(JST) or Equivalent

No.	Symbol
1	VDD
2	VDD
3	GND
4	GND
5	Rx/IN+
6	Rx/IN+
7	GND
8	Rx/IN-
9	Rx/IN+
10	GND
11	Rx/IN-
12	Rx/IN+
13	GND
14	Rx/CLK/IN-
15	Rx/CLK/IN+
16	GND
17	NC
18	NC
19	NC
20	NC