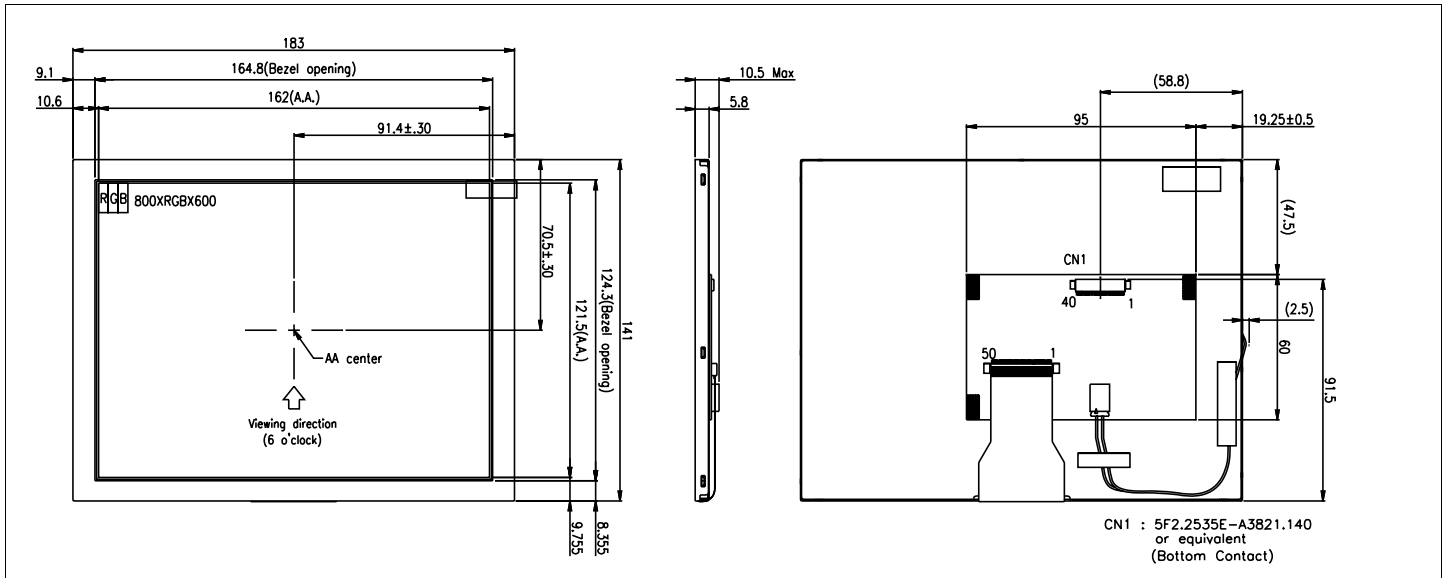


HDA800S-G

Dimensional Drawing

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



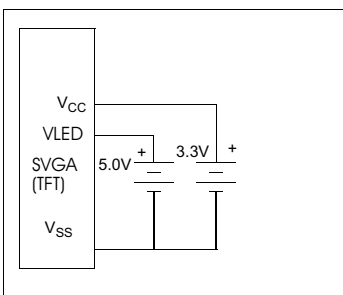
Features
 Viewing Angle(H/V).....140/125 degrees
 High Contrast.....500:1
 Fast Response Time.....25 msec
 Built-in Controller.....none

Physical Data
 Module Size.....183W x141H x5.8T mm
 Viewing Area Size.....164.8W x124.3 H mm
 Dot Pitch.....0.2025W x 0.2025H mm
 Weight.....TBA

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

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	V _{CC}	-	3.0	3.6	3.6	V
OPERATING VOLTAGE	V _{LED}	-	4.5	5.0	5.5	V
INPUT HIGH VOLTAGE	V _{IH}	-	0.7*V _{CC}	-	V _{CC}	V
INPUT LOW VOLTAGE	V _{IL}	-	0	-	0.3*V _{CC}	V
OPERATING CURRENT	I _{CC}	V _{CC} = 3.3V	-	120	150	mA
OPERATING CURRENT LED	I _{LED}	-	-	450	500	mA
POWER CONSUMPTION	P	Logic only	-	2.6	3.0	W
BRIGHTNESS	L	Average	320	400	-	cd/m ²

Power Supply



Pin Connections

PIN NO.	SYMBOL		FUNCTION
1	GND	-	Power Ground
2	GND	-	Power Ground
3	ADJ	-	LED Brightness Adjustment
4	VLED	-	Power Supply for LED (Vled = 5.0V, 5%)
5	VLED	-	Power Supply for LED (Vled = 5.0V, 5%)
6	VLED	-	Power Supply for LED (Vled = 5.0V, 5%)
7	Vcc	-	Power Supply
8	Vcc	-	Power Supply
9	DE	L	Data Enable
10	GND	-	Power Ground
11	GND	-	Power Ground
12	GND	-	Power Ground
13-15	B5-B3	H/L	Blue Data 5-3
16	GND	-	Power Ground
17-19	B2-B0	H/L	Blue Data 2-0
20	GND	-	Power Ground
21-23	G5-G3	H/L	Green Data 5-3
24	GND	-	Power Ground
25-27	G2-G0	H/L	Green Data 2-0
28	GND	-	Power Ground
29-31	R5-R3	H/L	Red Data 5-3
32	GND	-	Power Ground
33-35	R2-R0	H/L	Red Data 2-0
36	GND	-	Power Ground
37	GND	-	Power Ground
38	DCLK	H/L	Data Clock
39	GND	-	Power Ground
40	GND	-	Power Ground

Absolute Maximum Ratings

PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V _{CC}	-0.3	4.0	V
INPUT VOLTAGE	V _{IN}	-0.3	V _{CC} + 0.3	V
OPERATING TEMPERATURE	T _{OP}	-20	+70	°C
STORAGE TEMPERATURE	T _{STG}	-30	+80	°C