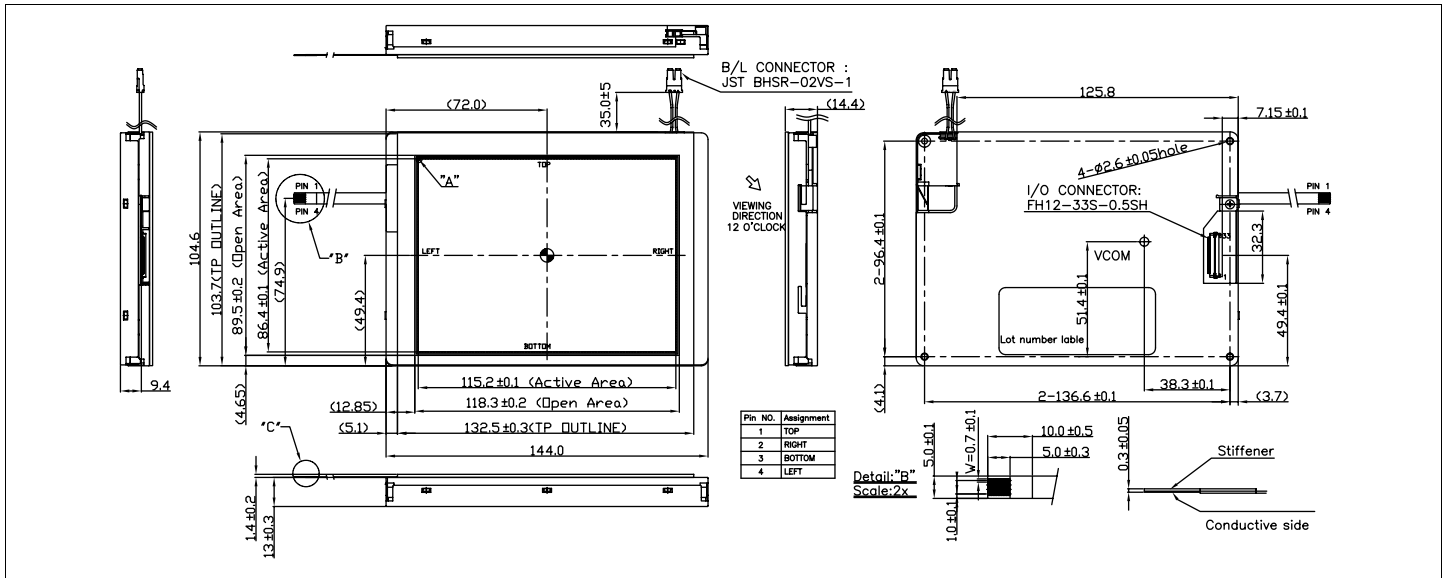


HDA570S-H

Dimensional Drawing

5.7" , QVGA (TFT) Color Graphics , High Brightness CCFL Backlight



Features

Viewing Angle(U/D/R/L).....60/60/50/40 degrees
 High Contrast.....450:1
 Fast Response Time (Tr+Tf).....50 msec
 Built-in Controller.....none
 Touch screenoptional

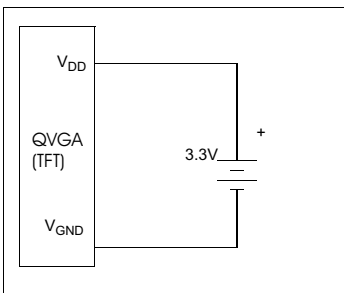
Physical Data

Module Size.....144.0W x104.6H x13.0T mm
 Viewing Area Size.....118.3W x89.5 H mm
 Dot Pitch.....0.12W x 0.36H mm
 Weight.....192g

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 CCFL	V _{CCFL}	I = 6 mArms	-	825	-	Vrms
INPUT HIGH VOLTAGE	V _{IH}		0.7*V _{DD}	-	V _{DD}	V
INPUT LOW VOLTAGE	V _{IL}		0	-	0.3*V _{DD}	V
OPERATING CURRENT	I _{DD}		-	73	-	mA
OPERATING CURRENT CCFL	I _{CCFL}		-	-	7.0	Arms
POWER CONSUMPTION	P _D		-	0.24	-	W
BRIGHTNESS	L	Average	800	850	-	cd/m ²

Power Supply



Pin Connections

PIN NO	SYMBOL	FUNCTION
1	GND	Ground Pin
2	CK	Data Sampling Clock
3	Hsync	Horizontal Sync
4	Vsync	Vertical Sync
5	GND	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	GND	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	GND	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	GND	Ground Pin
27	DENAB	Data Enable Input
28	VDD	3.3V Power Supply
29	VDD	3.3V Power Supply
30	RL	Horizontal Display Mode
31	UD	Vertical Display Mode
32	NC	No Connection
33	GND	Ground Pin

Absolute Maximum Ratings

PARAMETER	SYMBOL	MIN	MAX	UNIT
SUPPLY VOLTAGE	V _{DD}	-0.3	4.3	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