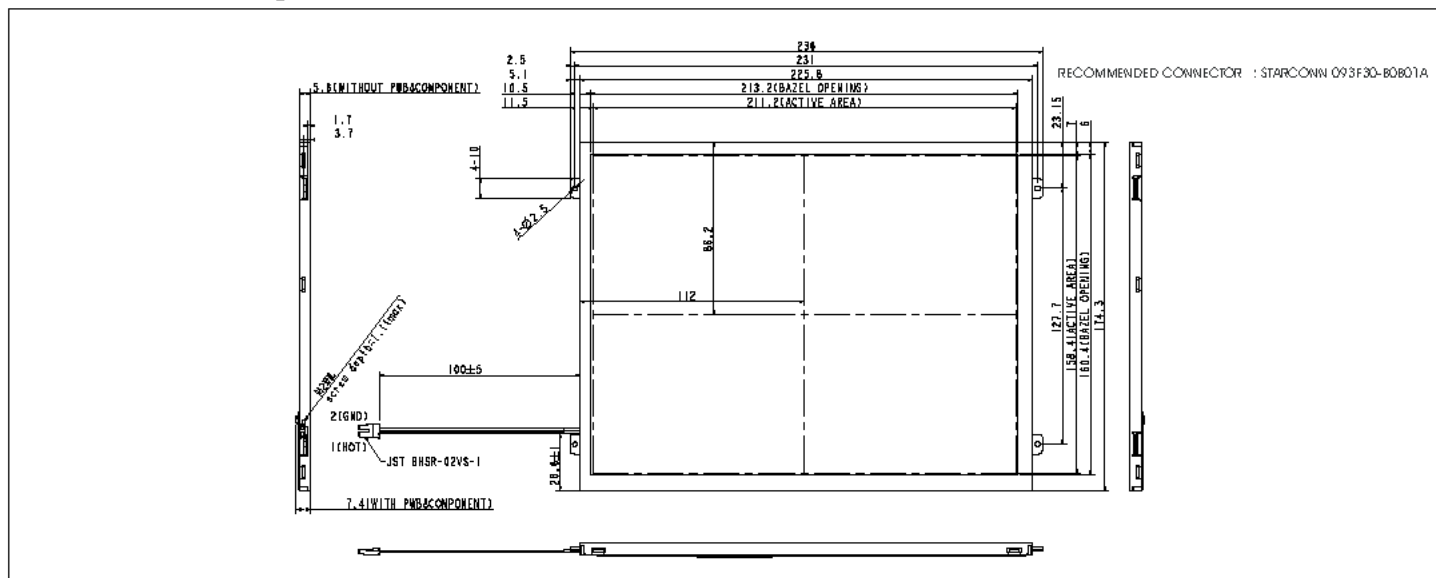


HDA1040X

Dimensional Drawing

10.4", XGA (1024 X768) , TFT Color Graphics ,CCFL Backlight



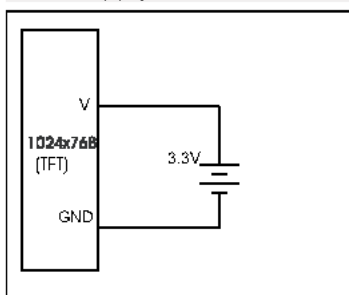
Features

Viewing Angle(H/V).....140/120 degrees
 High Contrast.....500:1
 Fast Response Time(R/F).....25 msec
 Built-in Controller.....none
 LVDS Interface Logic.....

Physical Data

Module Size.....236.0W x174.3H x7.4T mm
 Viewing Area Size.....213.2W x160.4 H mm
 Dot Pitch.....0.20625W x 0.20625H mm
 Weight.....380 g

Power Supply



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
CCFL LAMP CURRENT	I_L	4	8	mA

Electrical Characteristics ($V_{CC} = 3.3 \pm 0.125V$ 25°C)

PARAMETER	SYM	CONDITION	MIN	TYP	MAX	UNIT
OPERATING VOLTAGE	V_{CC}	-	3.0	3.3	3.6	V
OPERATING VOLTAGE(CCFL)	V_{CCFL}	-	752	835	919	Vrms
INPUT DIF. VOLTAGE (LVDS)	V_{ID}	-	250	350	450	mV
INPUT COM. MODE VOL.	V_{CM}	-	1.08	1.2	1.32	V
OPERATING CURRENT	I_{CC}	$V_{CC} = 3.3V$	-	420	600	mA
OPERATING CURRENT (CCFL)	I_{CCFL}	-	5.5	6.0	6.5	mAmps
POWER CONSUMPTION	P	-	-	6.41	-	W
BRIGHTNESS	L	-	240	300	-	cd/m ²

Pin Connections

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

HDA1040X

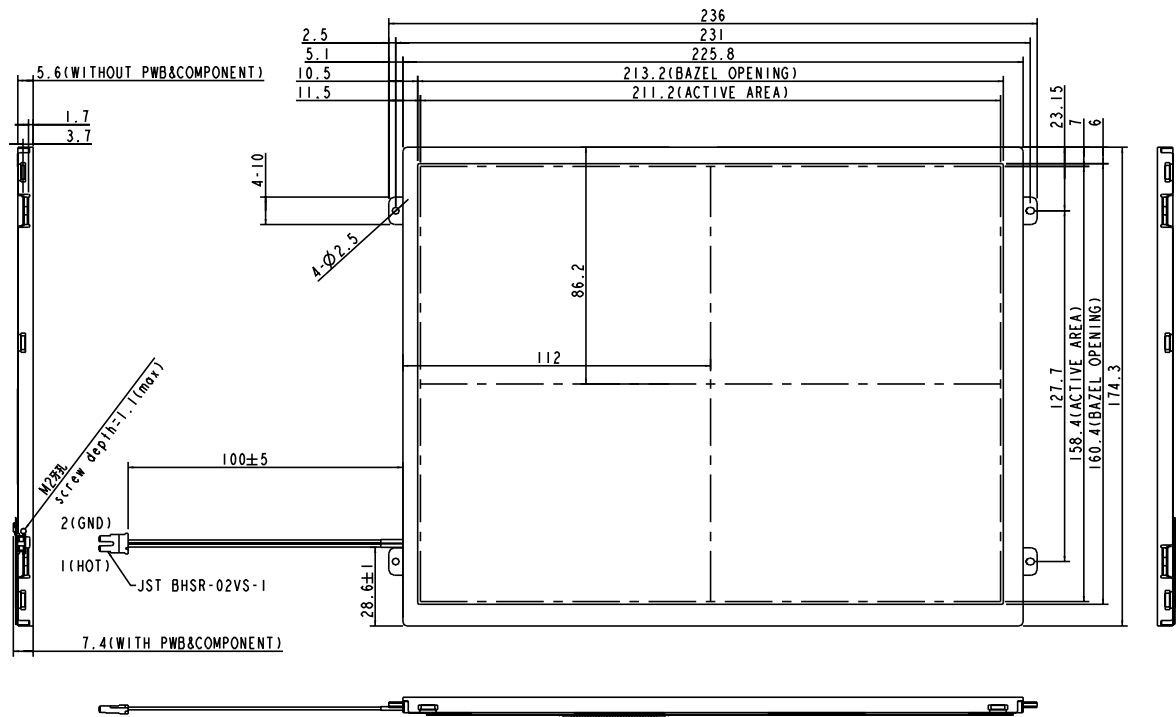
Dimensional Drawing

10.4", XGA (1024 X768) , TFT Color Graphics ,CCFL Backlight

MECHANICAL DIMENSION

Front Side

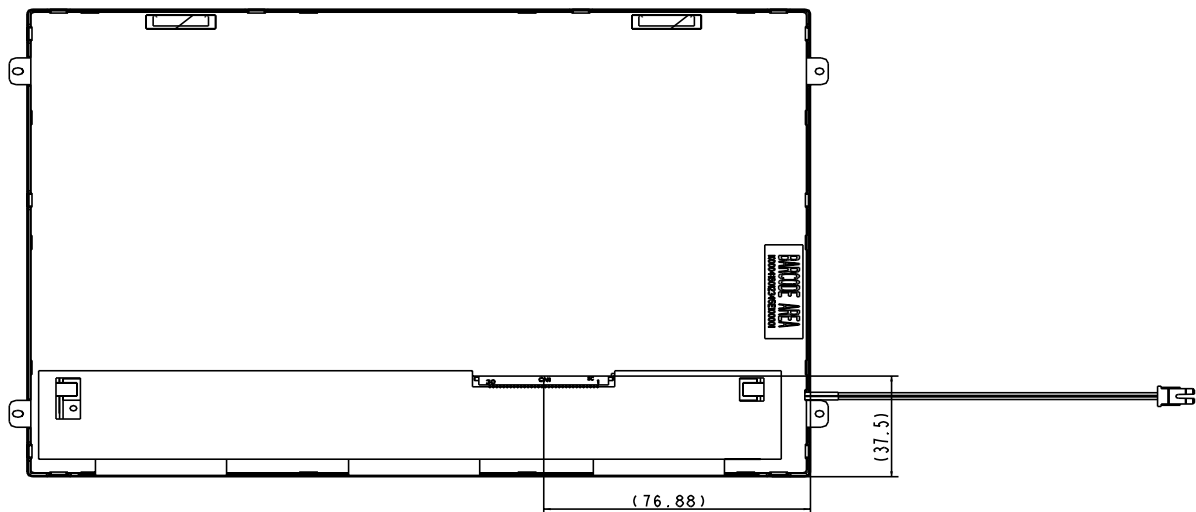
[U Nit - mm]



Remark? General tolerance? ±0.3mm
?

7.2 Rear Side

[Unit mm]



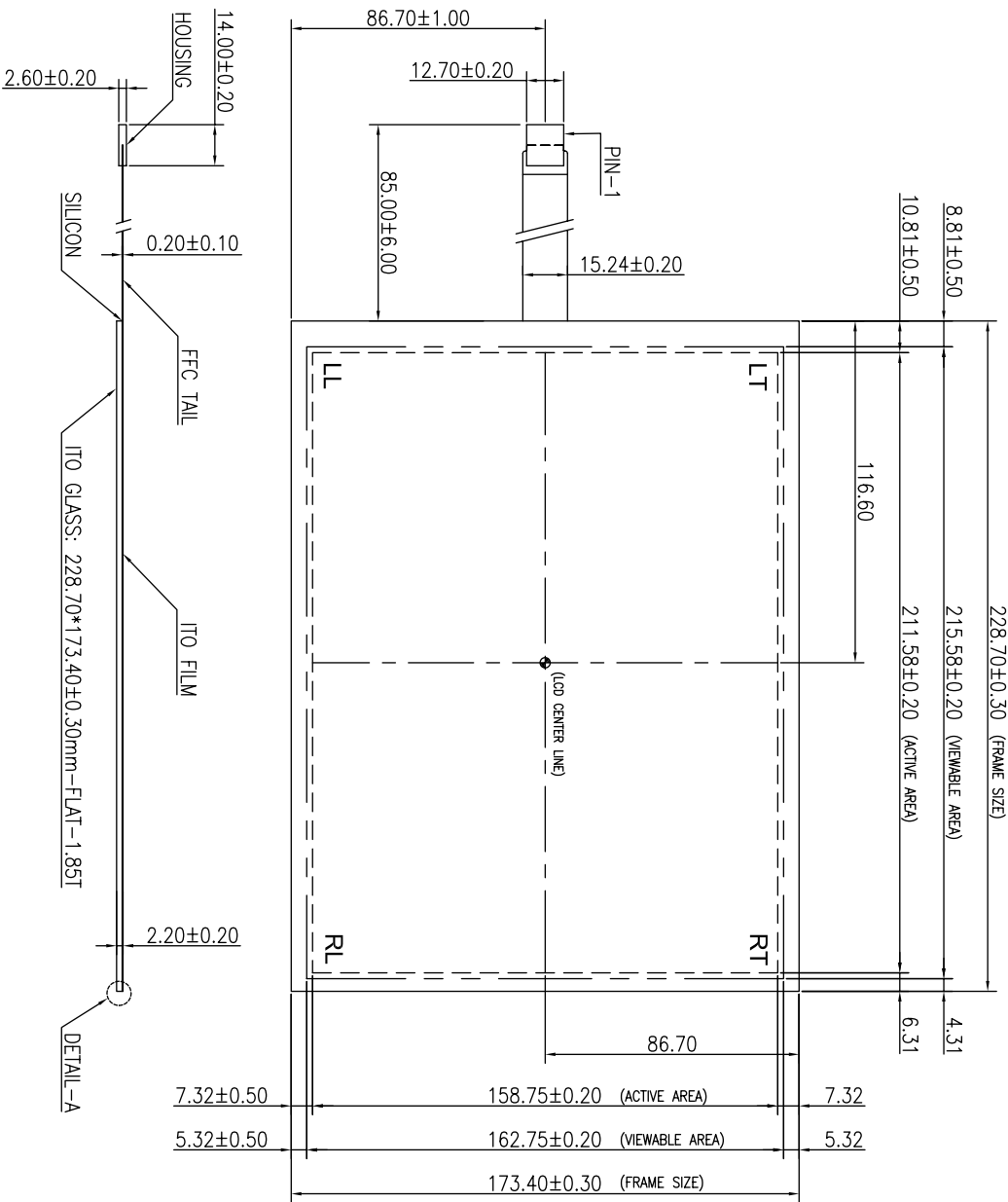
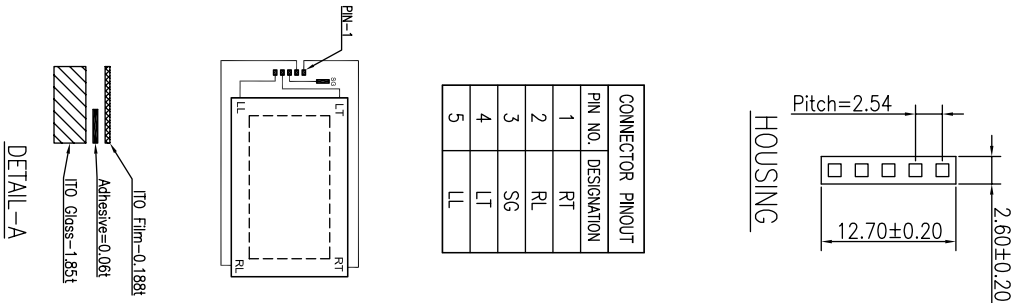
Remark General tolerance ±0.3mm

HDA1040XT

Dimensional Drawing

10.4", XGA (1024 X768) , TFT, With Touch Screen, CCFL Backlight

With TOUCH SCREEN



DEC.2

AMEYA360

Components Supply Platform

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