



GI16HAN01.0 One Page Spec.

GDBU
2018 June

One Page Spec. of G116HAN01.0



Model	G116HAN01.0
Size	11.6"
Resolution (Pixel)	1920 (H) x 3 (RGB) x 1080 (V)
Display Mode	AHVA, Normally Black
Pixel Pitch (mm)	0.1335 (H) x 0.1335 (V)
Active Area (mm)	256.32 (H) x 144.18 (V)
Brightness (nits)	350 (Typ.)
View Angle (U/D/L/R)	85/85/85/85 (CR ≥ 10) (Typ.)
Number of Colors	16.7M (RGB 8 bits)
Contrast Ratio	800:1 (Typ.)
Outline Dimension (mm)	268.0 (H) x 168.5 (V) x 3.0 (T)
Electrical Interface	eDP 1.2 (2 lane)
Surface Treatment	HC, Hardness 3H
Response Time (ms) (Tf+Tr, Ta 25C)	25 (Typ.)
Operation Temp.	0°C to 50°C
Storage Temp.	-20°C to 60°C
LED Life (hrs)	15K (Min.)
LED driver	Included
NTSC	52% (Typ.)
White Chromaticity	(0.313, 0.329)

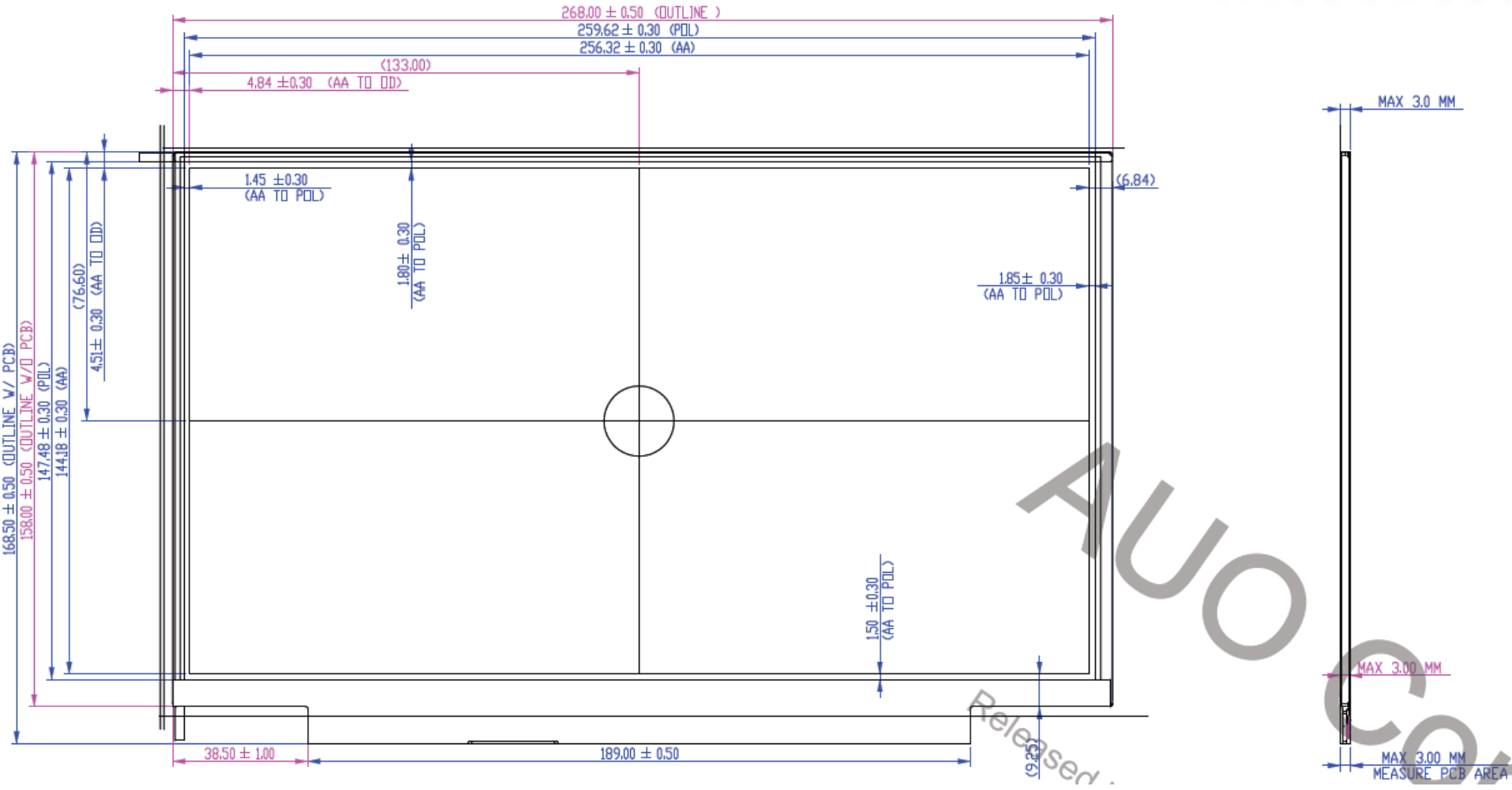
Pin Assignment

Connector Name / Designation	For Signal Connector
Manufacturer	JAE or Compatible
Type / Part Number	JAE HD2S1 or Compatible
Mating Housing/Part Number	I-PEX 20453-030T-11 or Compatible

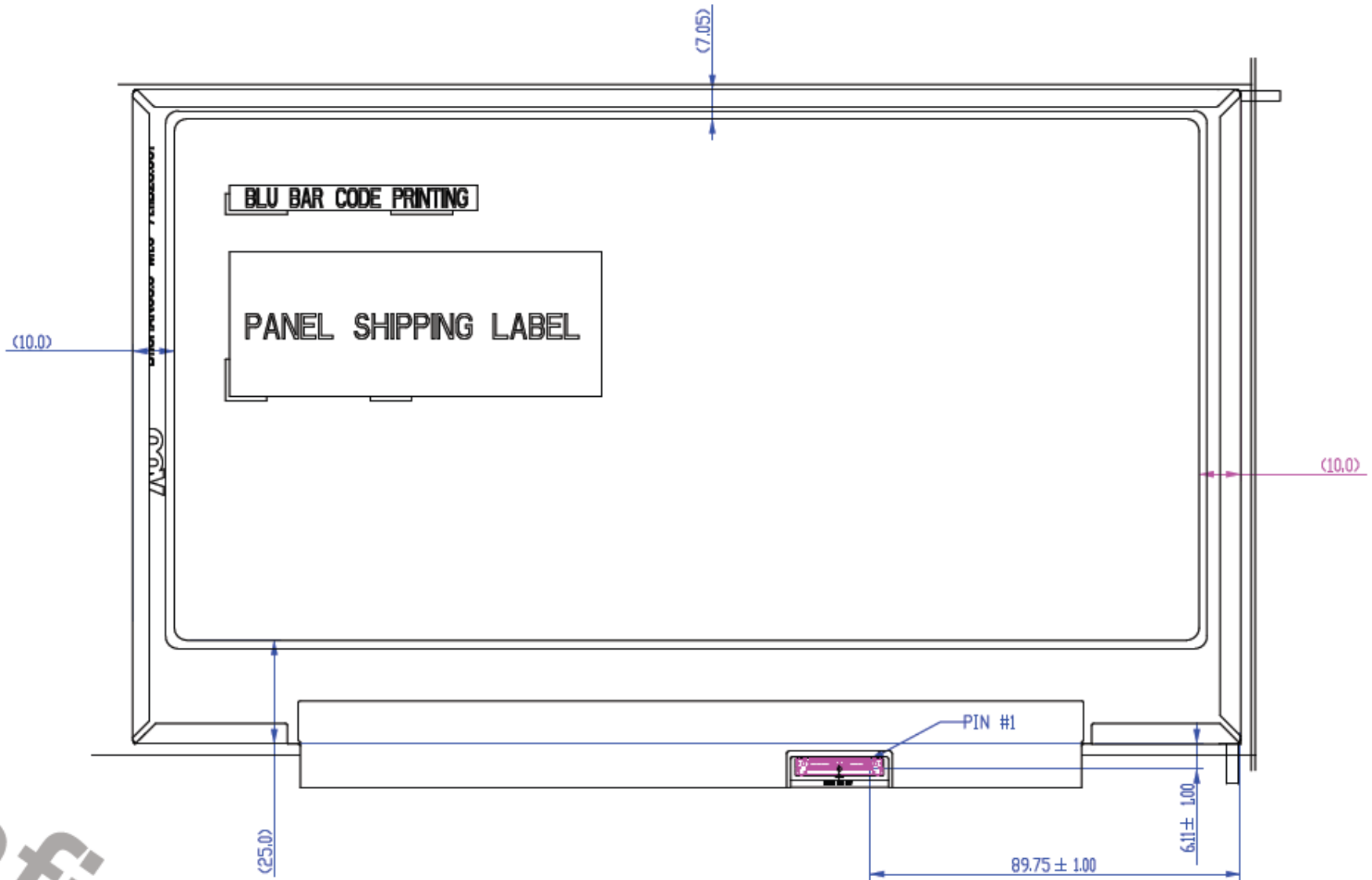
No.	Pin Name	Description
1	NC	NC
2	GND	Ground
3	Lane1_N	Signal 1_N
4	Lane1_P	Signal 1_P
5	GND	Ground
6	Lane0_N	Signal 0_N
7	Lane0_P	Signal 0_P
8	GND	Ground
9	AUX_P	Signal Auxiliary Channel_P
10	AUX_N	Signal Auxiliary Channel_N
11	GND	Ground
12	VDD	LCD logic and driver power
13	VDD	LCD logic and driver power
14	AGING	LCD Panel Self Test
15	GND	Ground

No.	Pin Name	Description
16	GND	Ground
17	HPD	HPD signal pin
18	GND	Ground
19	GND	Ground
20	GND	Ground
21	GND	Ground
22	LED_EN	Backlight On/Off
23	LED_PWM	System PWM signal input for dimming
24	NC-Reserved	Reserved for LCD manufacture's use (EDID_CLK)
25	NC-Reserved	Reserved for LCD manufacture's use (EDID_DATA)
26	V_LED	Backlight power
27	V_LED	Backlight power
28	V_LED	Backlight power
29	V_LED	Backlight power
30	NC	NC

LCM Outline Dimension – Front View



LCM Outline Dimension – Rear View





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