

A

B

C

D

E

F

LCM NOTES:
1. DISPLAY TYPE: BOE 10.1"TFT/Normally black
2. VIEWING DIRECTION: ALL
3. POLARIZER MODE: UP AG,DOWN Glare
4. LCM BRIGHTNESS: 500cd/m² (TYP) or 1000cd/m²
5. IC:H8696-A01+HX8282A11
6. GENERAL TOLERANCE: ±0.2
7. OPERATING TEMP: -20°C~+70°C
8. STORAGE TEMP: -30C ~+ 80°C
9. CRITICAL DIMENSION: *,REFERENCE DIMENSION:()

Note:
1.G+G
COVER Glass:1.1mm
SCA:0.2mm
SENSOR:0.7mm
Thickness: 2.00±0.2mm
Drive IC: GT9271
2. Operating Voltage: 2.8V-3.3V
3.Transmittance: ≥86%
4.Hardness: 6H
5. Operating TEMP: -20°C~+70°C, ≤90%RH
6.Storage TEMP: -30°C~+80°C, ≤90%RH
7.General Tolerance: ±0.2mm

BACKLIGHT CIRCUIT DIAGRAM:500cd/m2

BACKLIGHT CIRCUIT DIAGRAM:1000cd/m2

6S7P VF:17.4~19.8V;IF:140mA

6S7P VF:17.4~19.8V;IF:210mA

BACKLIGHT CIRCUIT DIAGRAM

BACKLIGHT CIRCUIT DIAGRAM

Limits Unless Otherwise Noted

Tolerance Grade	Design
Grade	○
0 ~ 150	+0.10 +0.15 +0.20
Check	

Signature

Date

Material

Unit

mm

Customer NO.

CN1 USB Type-C

PIN NO	DEFINATION
1	GND
2	GND
3	VBUS
4	VBUS
5	OC2
6	SINK1
7	D+
8	D-
9	D+
10	D-
11	CC1
12	SINK2
13	VBUS
14	VBUS
15	GND
16	GND

CN4 USB Type-C

PIN NO	DEFINATION
1	GND
2	GND
3	VBUS
4	VBUS
5	OC2
6	SINK1
7	D+
8	D-
9	D+
10	D-
11	CC1
12	SINK2
13	VBUS
14	VBUS
15	GND
16	GND

CN5 MINI HDMI

PIN NO	DEFINATION
1	DATAS SHIELD
2	DATAS+
3	DATAS-
4	DATAL SHIELD
5	DATAL+
6	DATAL-
7	DATAD SHIELD
8	DATAD+
9	DATAD-
10	CLK SHIELD
11	CLK-
12	CLK+
13	HDC/CRC SHD
14	CRC
15	SHL
16	SDA
17	UTILITY
18	+5V POWER
19	NOT PLUG

4D SYSTEMS

1	2	3	0-150	±0.10	±0.15	±0.20	Check		Scale	1:1	Customer No.	4DHDMT-101-1024-600-CT-EAR-500
			150+	±0.20	±0.25	±0.30	Approval		Drawing NO.	4DHDMT-101-1024-600-CT-EAR-1000		
			Angle	±0.50°	±0.80°	Customer confirm		Date	20241227	Projection		Ver.
4	5	6	7	8								