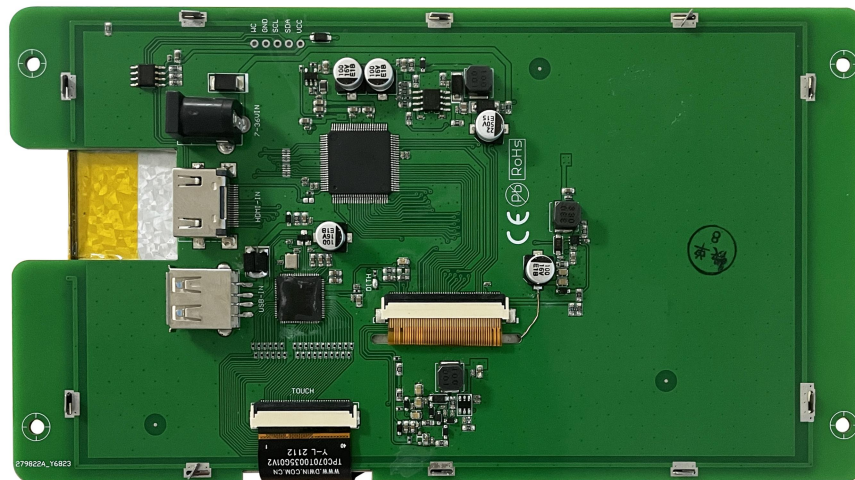


HDW070_008LZ04

7 Inch, 800×RGB×480, 16.7M Colors, TN screen

High brightness 800nit, CTP, HDMI interface display



Record of Revision

Ver	Revise Date	Content	Editor
00	2022-12-08	First Edition	Kaya

● Display

Item	Parameter	Description
Color	16.7M(16777216)colors	24 bit color 8R8G8B
Panel Type	TN	TN TFT LCM , normal viewing angle
Viewing Angle	70/70/50/70(L/R/U/D)	-
Active Area (A.A.)	154.08mm(W) ×85.92mm(H)	800x480
Resolution	800x480	Support 0°/90°/180°/270°rotated display
Backlight	LED	≥20000H(Continuous working with maximum brightness, time of the brightness decays to 50%)
Brightness	800nit	-

Note:You can use dynamic screen saver wallpapers to avoid afterimages caused by fixed page display for a long time.

● Voltage & Current

Item	Description	
Power Voltage	7~36V, typical value of 12V	
Current parameters	540mA	VCC=7V (Minimum starting voltage)
	330mA	VCC=12V (Standard supply voltage)
	160mA	VCC=36V (Maximum supply voltage)

Recommended power supply: 12V 1A DC

● Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 12V voltage	-20	25	70	℃
Storage Temperature	-	-30	25	80	℃
Working Humidity	25℃	10%	60%	90%	RH

● Interface

Item	Description
Socket	Power interface, HDMI interface
USB Interface	Yes (Connect USB capacitive touch screen)
SD Card Slot	None

● Peripheral

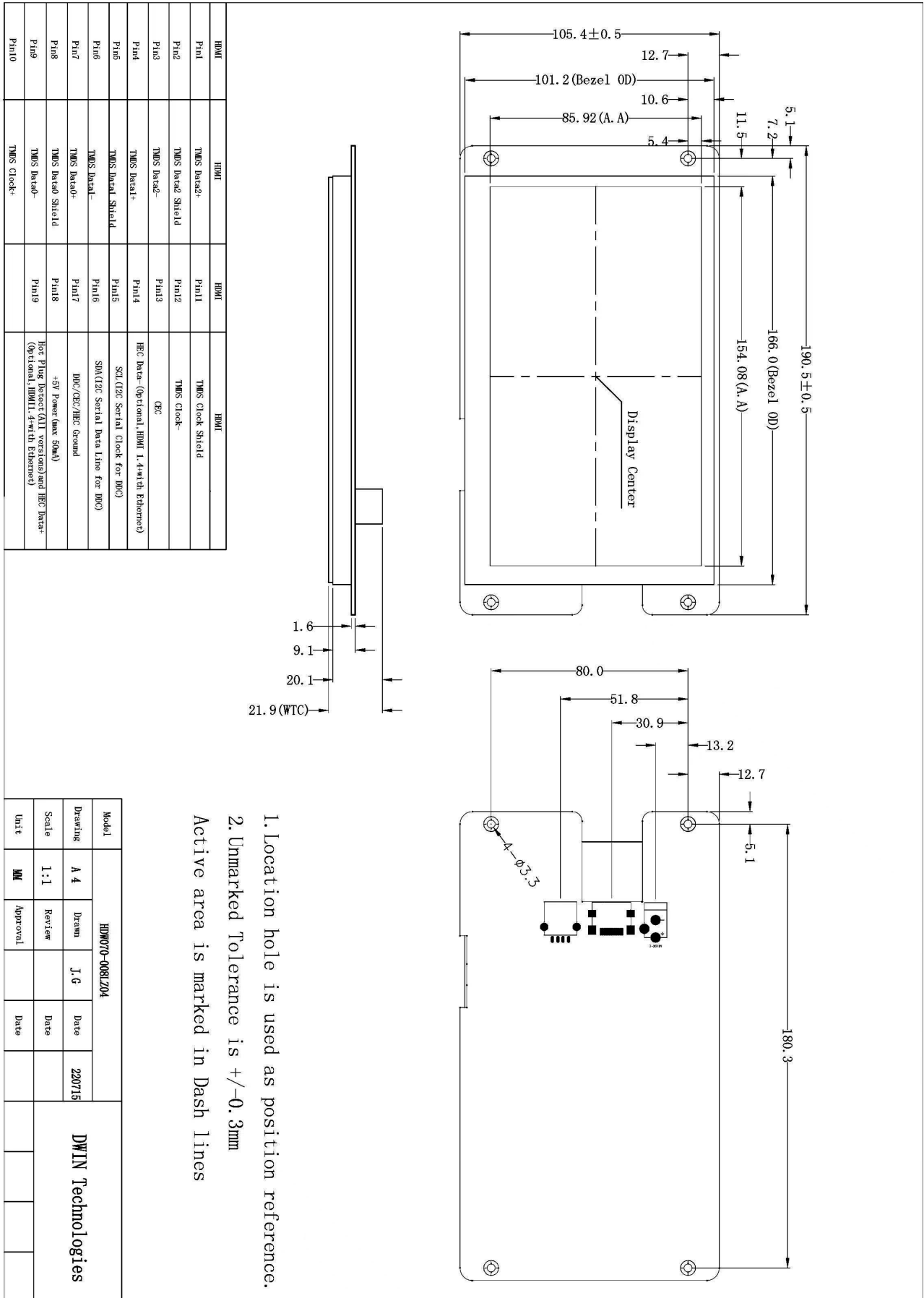
Peripheral	Capacitive touch panel
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● Packing Capacity & Dimension

Dimension				
Dimension	190.5(W)×105.4(H)×21.9(T)mm			
Net Weight	300g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	220mm(L)×160mm(W)×47mm (H)	-	-	-
Carton2:	250mm(L)×200mm(W)×80mm (H)	2	1	2
Carton3:	320mm(L)×270mm(W)×80mm (H)	2	2	4
Carton4:	450mm(L)×350mm(W)×300mm(H)	1	20	20
Carton5:	600mm(L)×450mm(W)×300mm(H)	1	34	34

Disclaimer: The product design is subject to alternation and improvement without prior notice.

DWIN Technologies Technical Document



1. Location hole is used as position reference.
 2. Unmarked Tolerance is $\pm 0.3\text{mm}$
- Active area is marked in Dash Lines

Model	HDW070-008LZ04			DWIN Technologies
Drawing	A 4	Drawn	J.G	
Scale	1:1	Review		
Unit	MM	Approval		Date