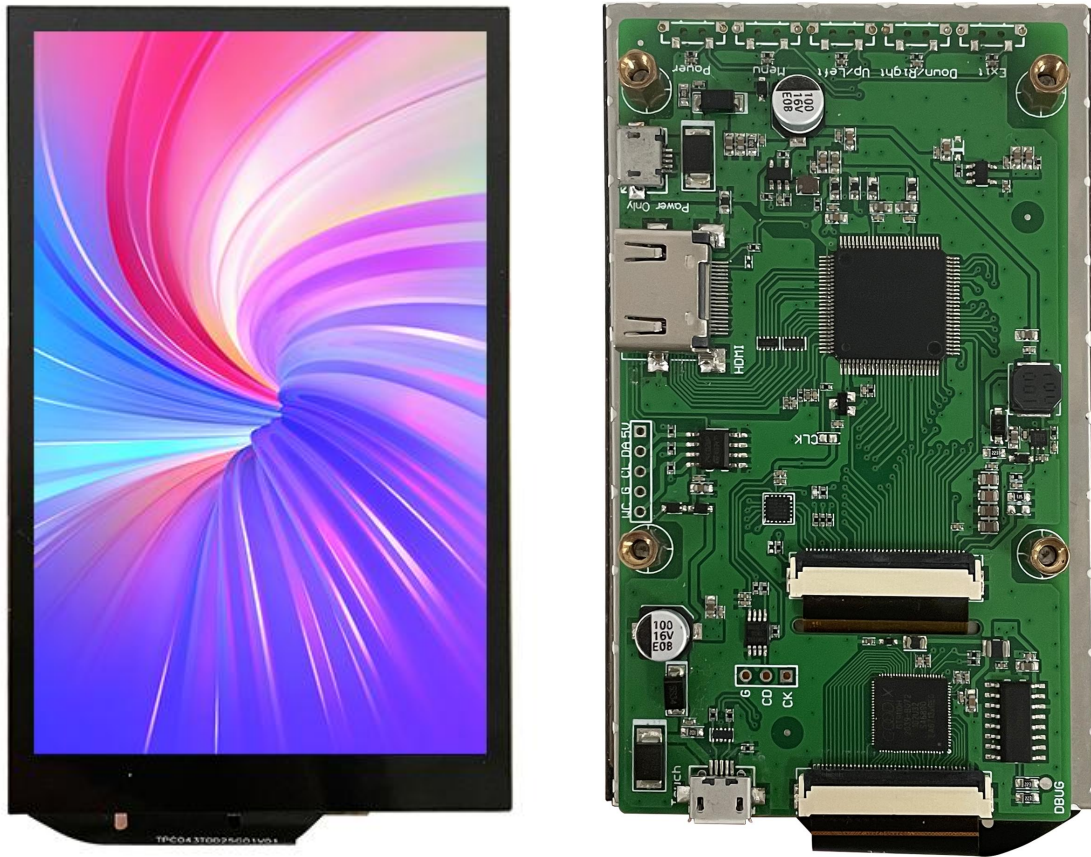


HDW043_001L

4.3 Inch, 480xRGBx800, 16.7M Colors, IPS screen, Capacitive touch



Display

Item	Parameter	Description
Color	16.7M (16777216) colors	24 bit color 8R8G8B
Panel Type	IPS	IPS process TFT LCM ,wide viewing angle
Viewing Angle	85/85/85/85 (L/R/U/D)	Best View: symmetrical
Active Area (A.A.)	93.6mm (W) x 56.2mm (H)	480x800
View Area (V.A.)	94.0mm (W) x 56.6mm (H)	480x800
Resolution	480x800	-
Backlight	LED	>20000 hours (Time of the brightness decaying to 50% on the condition of continuous working with the maximum brightness)
Brightness	250nit	-

Note: Displaying of high-contrast still images for more than 30 minutes may result in residual images. Please add screen saver to avoid this problem.

Voltage & Current

Item	Conditions	Min	Typ	Max	Unit
Power Voltage	-	3.6	5.0	6.0	V
Operation Current	VCC = +5V, Backlight on	-	-	-	mA
	VCC = +5V, Backlight off	-	-	-	mA

Recommended power supply: 5V 1A DC

Reliability Test

Item	Conditions	Min	Typ	Max	Unit
Working Temperature	60%RH at 5V voltage	-10	25	60	°C
Storage Temperature	-	-20	25	70	°C
Working Humidity	25°C	10%	60%	90%	RH
Protective Paint	-	-	None	-	-

Interface

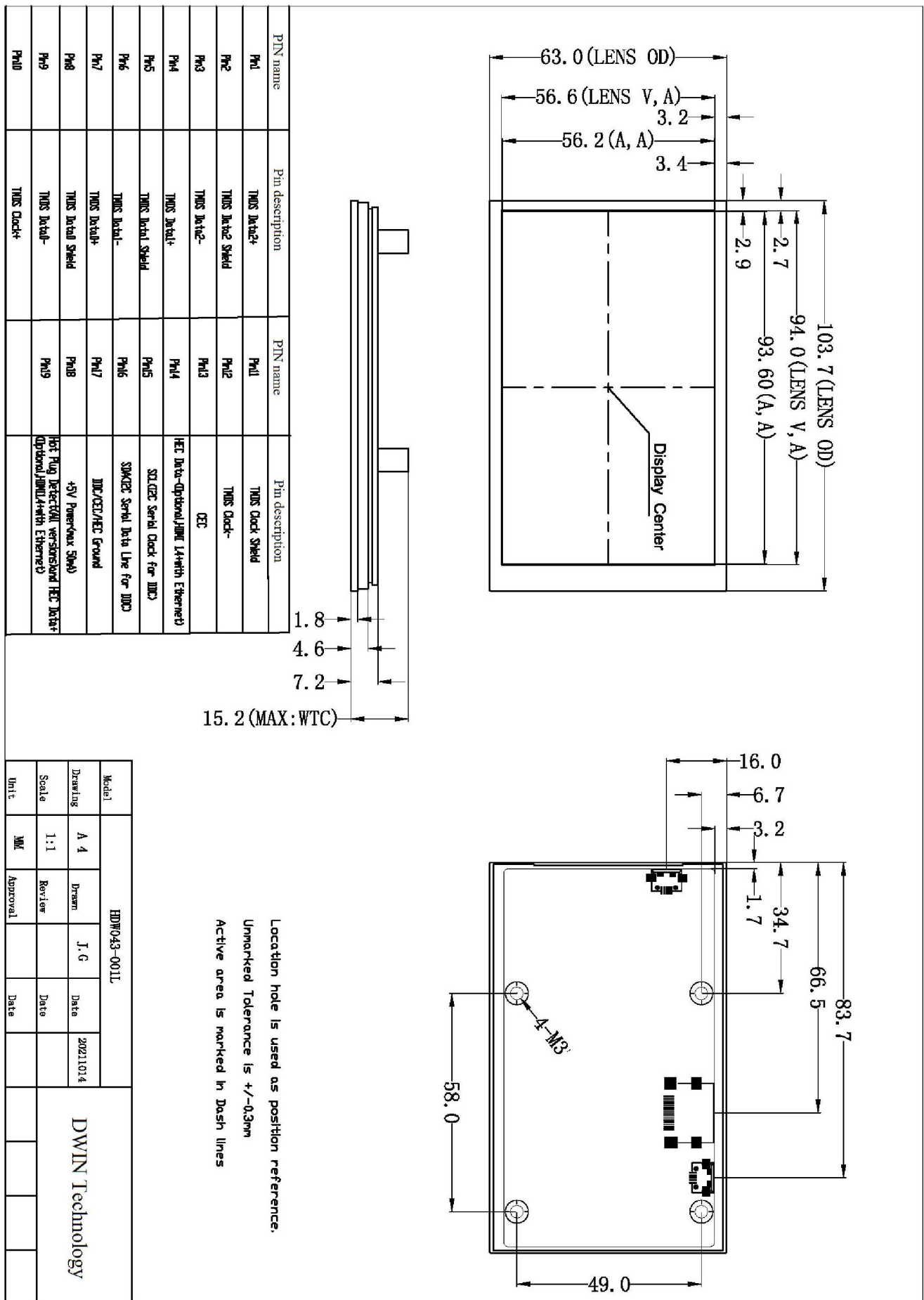
Item	Description
Socket	HDMI interface
USB Interface	Yes
SD Card Slot	None

Peripheral

Peripheral	
Peripheral	Capacitive touch panel

● Packing Capacity & Dimension

Dimension				
Dimension	103.7(W)* 63.0(H)*15.20(T)mm			
Net Weight	90g			
Packing Capacity				
Model	Size	Layer	Quantity/Layer	Quantity(Pcs)
Carton1:	220mm(L)*160mm(W)*47mm (H)	1	2	2
Carton2:	250mm(L)*200mm(W)*80mm (H)	2	2	4
Carton3:	320mm(L)*270mm(W)*80mm (H)	2	4	8
Carton4:	450mm(L)*350mm(W)*300mm(H)	2	30	60
Carton5:	600mm(L)*450mm(W)*300mm(H)	2	60	120



Record records

Rev	Revise Date	Content	Editor
00	2022-12-15	First Edition	Kaya
01	2024-05-13	Update Temperature Range	YML

Please contact us if you have any questions about the use of this document or our products, or if you would like to know the latest information about our products:

Customer service Tel: +86-400-018-9008

Customer service E-mail: dwinhmi@dwin.com.cn

Website: www.dwin-global.com

DWIN Developer Forum: <https://forums.dwin-global.com/index.php/forums>

Thank you all for continuous support of DWIN, and your approval is the driving force of our progress!

Important Disclaimer

DWIN reserves the right to make any changes to product designs without prior notice.

Customers should ensure strictly adhering to all the relevant standards and requirements during the product application process, including but not limited to functional safety, information security, and regulatory provisions. DWIN shall not bear any joint and several liability for any consequences that may arise from customers' adoption of DWIN products. In particular, for risks that may lead to significant property losses, environmental hazards, personal injury, or even death, especially in high-risk application areas such as military applications, flammable and explosive places, and life-saving medical equipment, customers should independently assess the risks and take corresponding preventive and protective measures. DWIN shall not bear any relevant responsibility.