

# DMT070WVHLCMU-2A

## PRODUCT

## MINI SPECIFICATION

Jan 10, 2024

<i>Customer's Approval</i>	
<u><i>Signature</i></u>	<u><i>Date</i></u>

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# DMT070WVHLCMU-2A

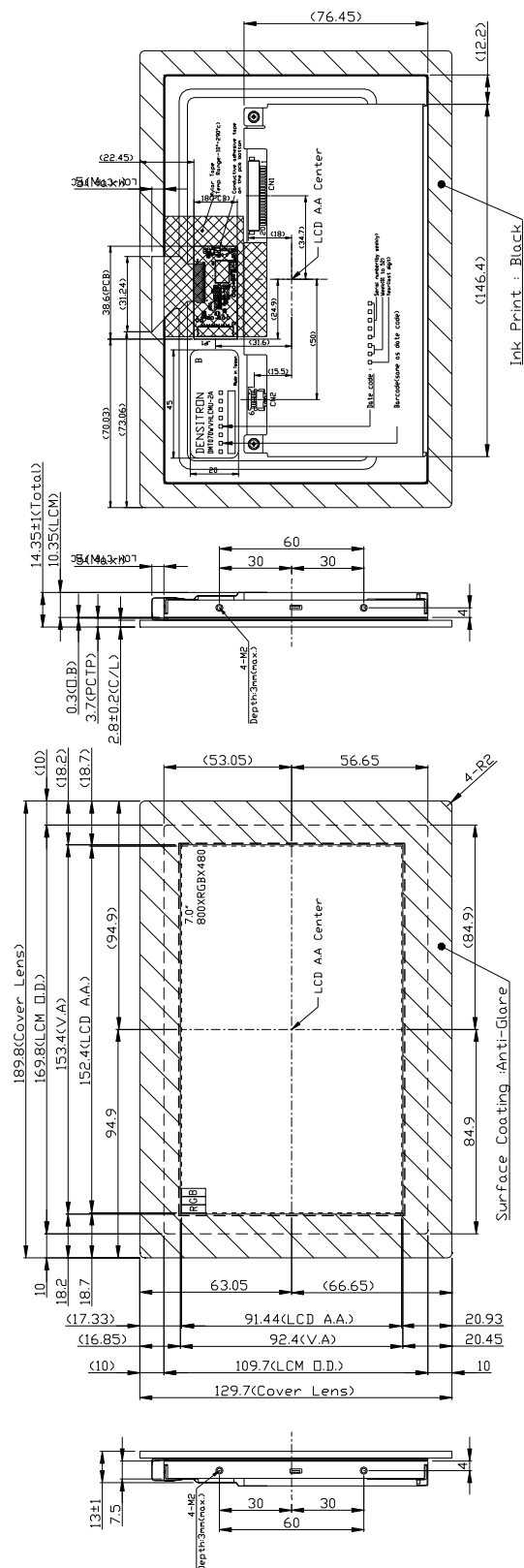
7.0 inch 800(RGB)\*480 TFT module with CTP

## Main Features

Item	Specification
Display Type	TFT LCD
Display Area	152.40 (H) x 91.44 (V) mm (7.0" Diagonal)
Number of pixels	800 x RGB x 480 Dots
Overall Dimensions	189.80 (H) x 129.70 (V) x 14.35 (D) mm
Mode	Normally Black / Transmissive
Contrast ratio	1000
Viewing Direction	ALL
Interface	6-bit LVDS
Luminance	1200 nits (Typ.)
Surface Treatment	Anti-Glare, 6H
Touch Panel	CTP, G/G, Finger
Touch Controller	EETI:80W32
Touch Interface	USB
Bonding Type	Optical Bonding
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
ROHS	Compliant to RoHS 2.0

## Mini Specification

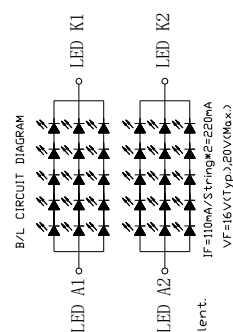
### TFT LCD Module



PIN	CD PIN	FUNCTION (CNI)	SYMBOL
1	VCC		
2	VCC		
3	GND		
4	GND		
5	RxIN0+		
6	RxIN0+		
7	GND		
8	RxIN1-		
9	RxIN1+		
10	GND		
11	RxIN2-		
12	RxIN2+		
13	GND		
14	RxCLKIN-		
15	RxCLKIN+		
16	GND		
17	NC		
18	NC		
19	NC		
20	SCLOCK-1, V <sub>DD</sub> =0		

T/P	PIN	SYMBOL	PIN FUNCTION(JP1)
	1	NC	
	2	NC	
	3	NC	
	4	GND	
	5	NC	
	6	NC	
	7	NC	
	8	NC	
	9	RESET (Hsally, L-Reset)	
	10	D-	
	11	D+	
	12	VDD_5V	

■B/L PIN FUNCTION	
PIN	SYMBOL
1	NC
2	NC
3	LED K1
4	LED A1
5	LED A2
6	LED K2



- Notes:
1. LVDS Connector(CNI) : JAE FI-SEB20P-HFE or equivalent.
  2. CN2 Connector : JAE FI-S20S or equivalent.  
CN2 Connector : JST SM06B-SHL5-TF(LF,XSN) or equivalent.  
Mating Connector : JST SHLP-06V-S-B or equivalent.
  3. Touch panel connector (JPI) : JST SM12B-SHL5-TF(LF,XSN)  
Mating Connector : JST SHLP-12V-S-B or equivalent.