DMT070WVHLCMU-3A
PRODUCT
MINI SPECIFICATION

Jan 10, 2024

Customer's Approval	
Signature	*Date*

Product customization is available from Densitron, please contact us for more spec details at contact@densitron.com or you can visit our online customization portal at www.densitron.com/displays-computers

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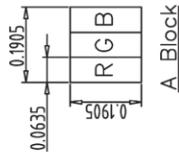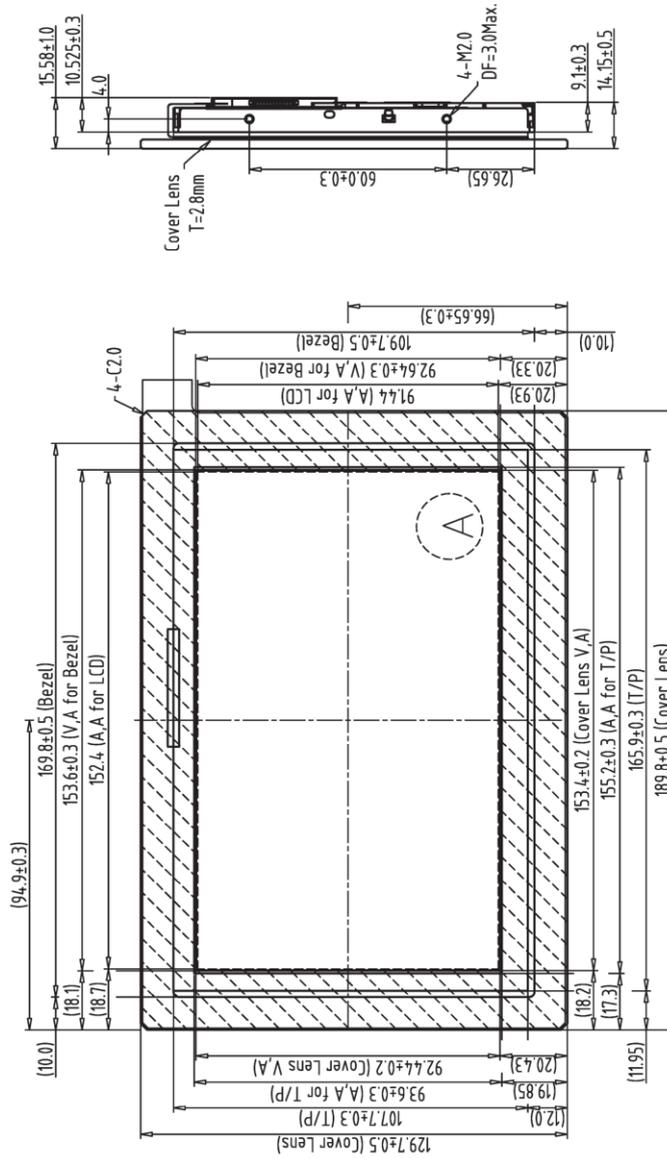
DMT070WVHLCMU-3A

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 15.58 (D) mm
Mode	Normally Black / Transmissive
Contrast ratio	1000
Viewing Direction	ALL
Interface	8-bit LVDS
Luminance	850 nits (Typ.)
Surface Treatment	Anti-Glare, 6H
Touch Panel	CTP, Max 10 Finger
Touch Controller	ILI2132
Touch Interface	USB
Bonding Type	Optical Bonding
Operating Temperature	-30°C ~ +70°C
Storage Temperature	-30°C ~ +80°C
ROHS	Compliant to RoHS 2.0

Drawing

CN2

1	VL
2	VL
3	GNDL
4	GNDL
5	BLEN
6	V PDIM

CN1

1	VCC	11	Link2−
2	VCC	12	Link2+
3	GND	13	GND
4	GND	14	CLKIN−
5	Link0−	15	CLKIN+
6	Link0+	16	GND
7	GND	17	Link3−
8	Link1−	18	Link3+
9	Link1+	19	NC ①
10	GND	20	SC

CN3

1	VDD5
2	CKW
3	SC
4	GND
5	DIN
6	DOUT
7	TEST1
8	TEST2
9	RESET
10	D−
11	D+
12	VUSB

A Block: R G B

Note:
1. Unless indicated, Tolerance "±0.3"
2. UV Glue For OLB Protection.
3. CN1:P1.25 20Pin/FI−SEB20P−HFE or Equivalent
4. CN2:P1.25 6Pin/FI−S6P−HFE or Equivalent
5. CN3:P1.0 12Pin/SM12B−SHLS−TF(LF)(SN) or Equivalent
6. LCD 800x3(R.G.B)x480=> 7.0" IPS TFT LCD