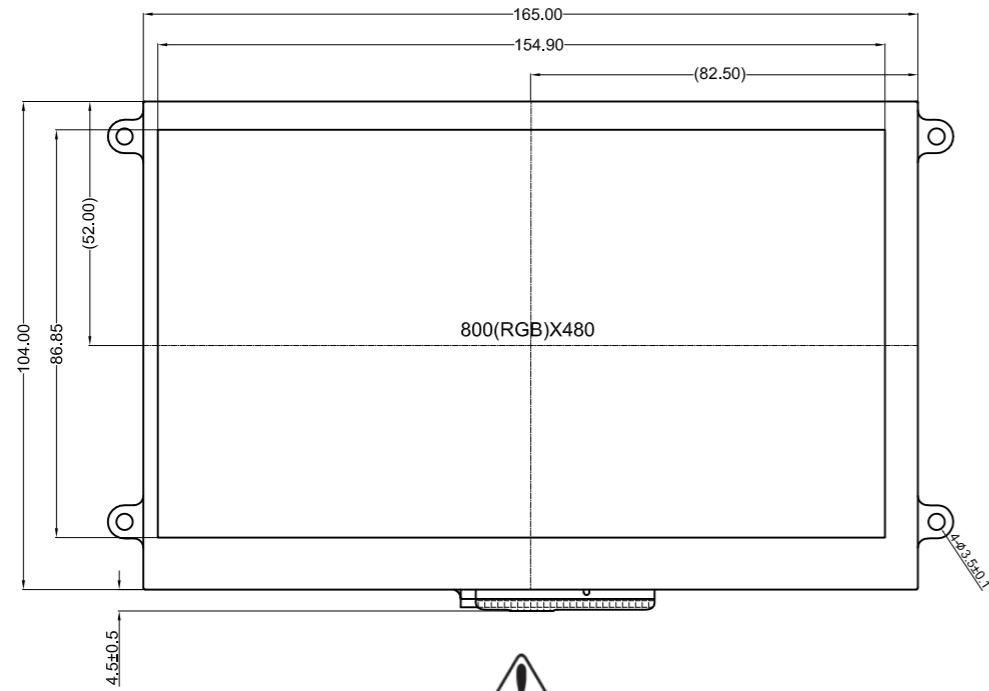
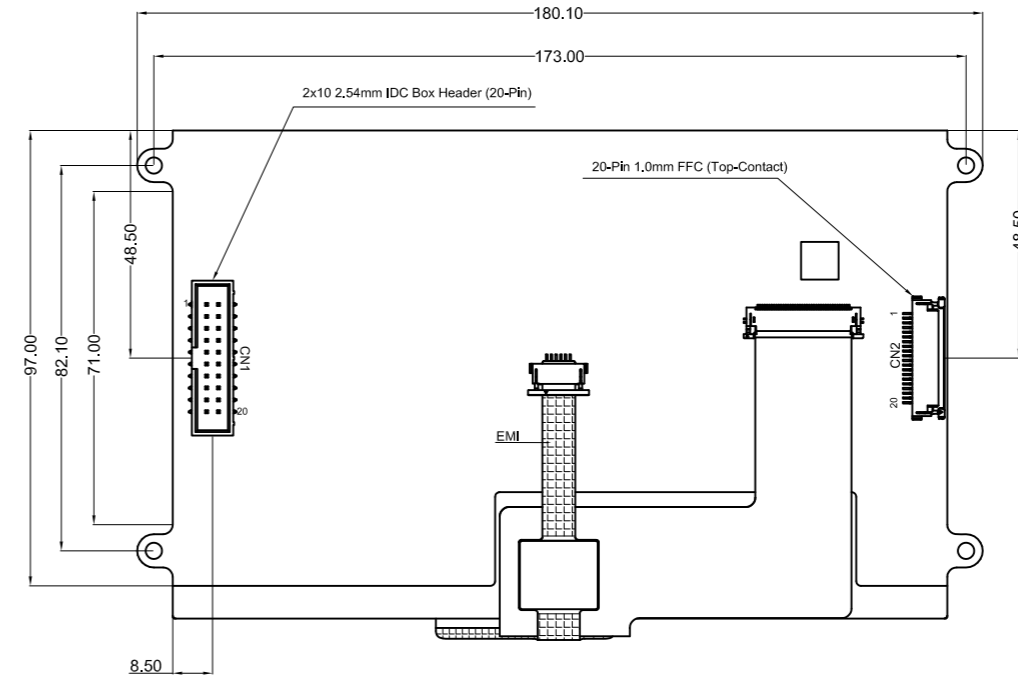
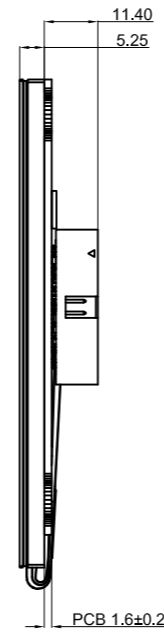


Mechanical Drawing




[read caution below]



Pin Assignment

NO.	Symbol
1	VDD
2	GND
3	SCK
4	MISO/IO1
5	MOSI/IO0
6	/CS
7	/INT
8	/PD
9	AUDIO_L
10	NC
11	GPIO0/IO2
12	GPIO1/IO3
13	GPIO2
14	GPIO3
15	NC
16	NC
17	VBL
18	VBL
19	GND
20	GND

Product Description: 7" 800x480 Premium EVE2 TFT w/ Capacitive Touch

1. Driver IC: FT813

2. Interface: SPI, D-SPI, Q-SPI

3. Power Requirement: 3.3V EVE2, 3.3V/760mA Backlight


4. Optical Features: Normally White, Transmissive, 680cd/m²


5. Recommended Cable:

CN1: 2x10pin 2.54mm pitch IDC cable

CN2: 20pin 1.0mm pitch FFC

6. EMI Shielded FPC

 Improper handling of the FPC connections at the bottom edge of this module may cause damage resulting in display or touch failure. Take special care when handling this area of the display module to make sure these connections are never strained nor creased.

Standard Tolerance: (Unless otherwise specified) Linear: ±0.3mm	Radiant-way Technology Inc.	
	Drawing/Part Number: RDT-7.0-800480FT-CSXV-CTP	Revision: -
Unless otherwise specified: • Dimensions are in Millimeters • Third Angle Projection 	Drawn By:	Approved By:
	Drawn Date: 03/02/2023	Approved Date: 03/02/2023