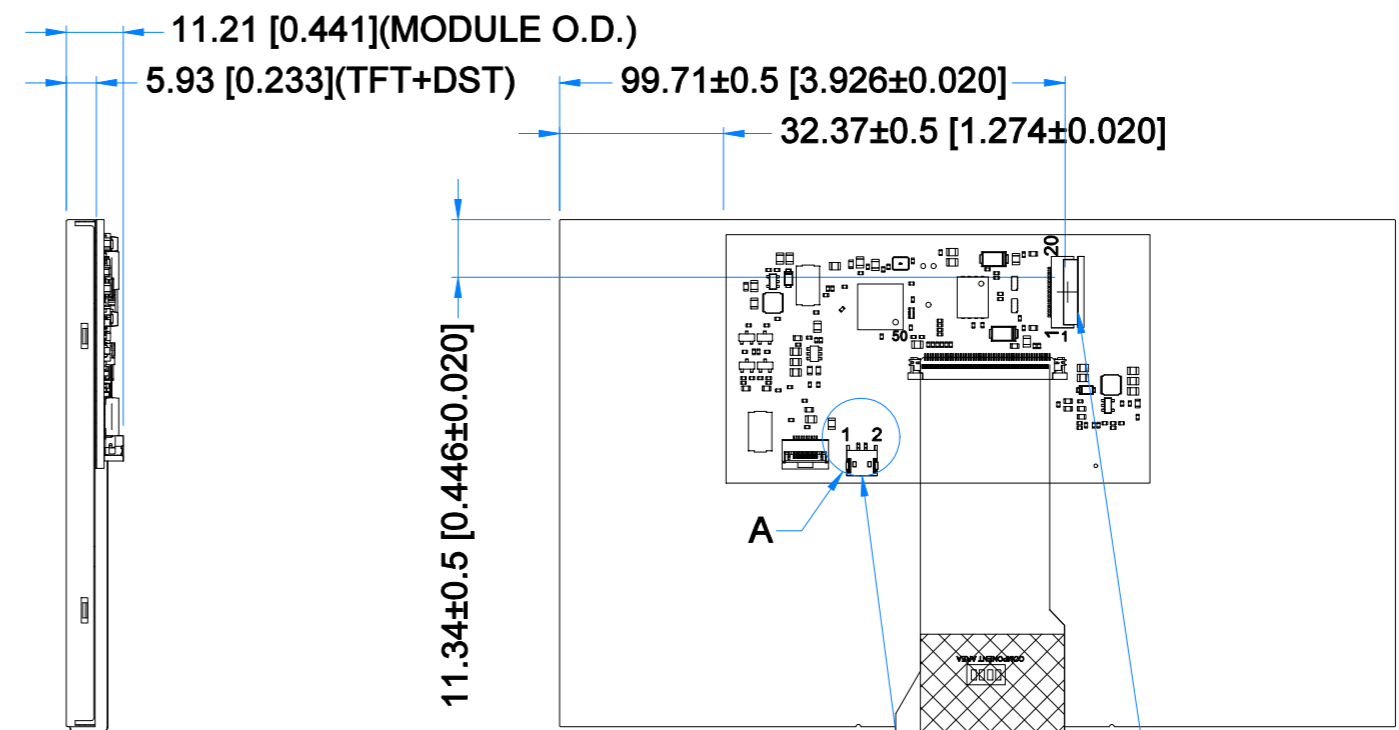
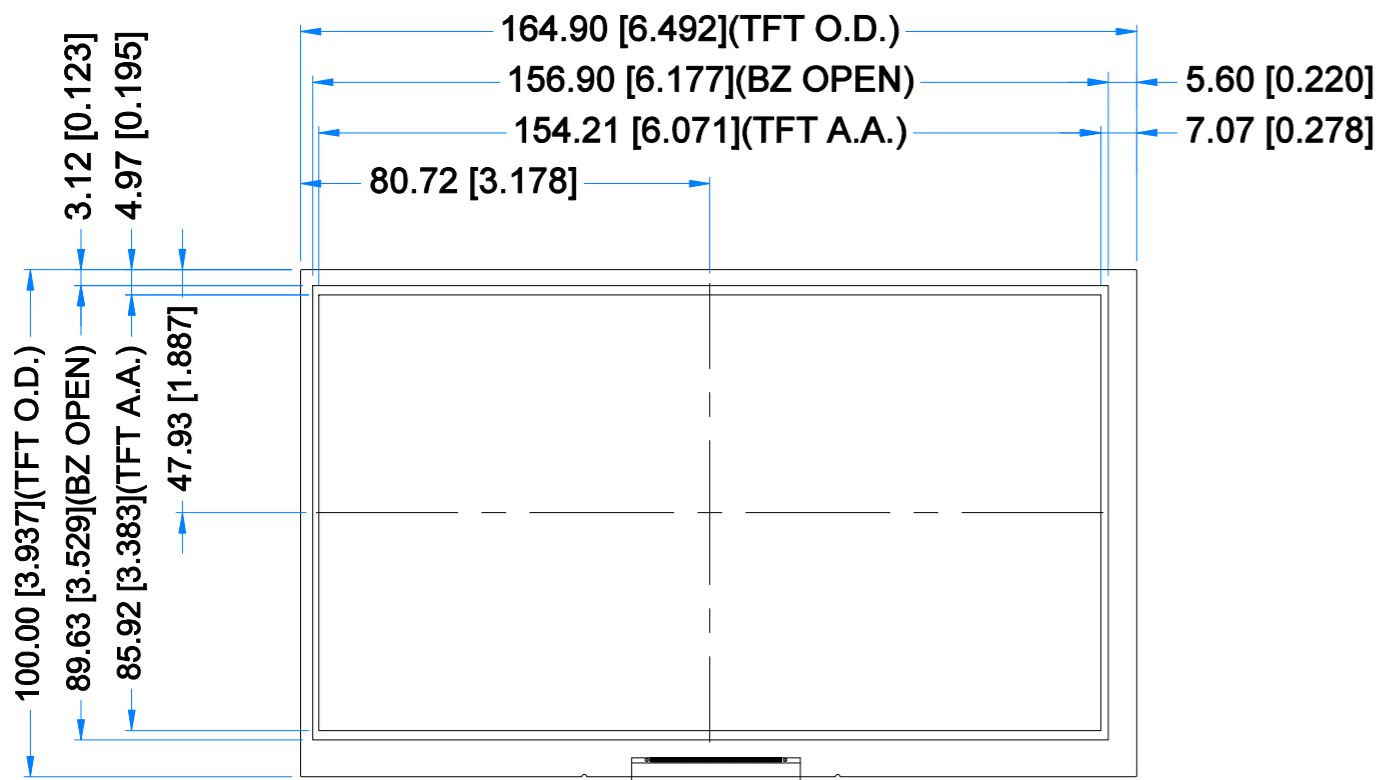
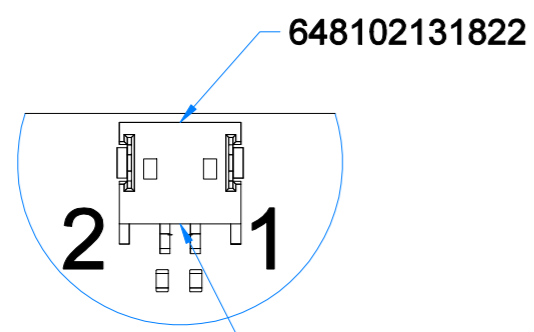


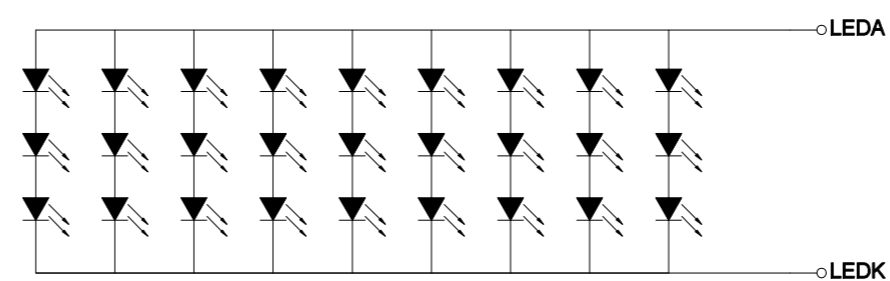
| Revision: | Changes: | Date: |
|-----------|---|------------|
| 1.0 | Initial Case | 2020.12.09 |
| 1.1 | PCB Update And Dimension Overhaul | 2021.04.12 |
| 1.2 | Adding Speaker PN And Matching Connector PN | 2021.07.09 |



DETAIL A
 SCALE 4:1



MATCHING CABLE CONNECTOR:
 648002113322



LED Diagram Circuit

RIBUS, 20PINS, 0.5mm PITCH
 DOWNSIDE CONTACT, FLIP

LOUDSPEAKER OUTPUT
 CONNECTOR

PINOUT ON THE 2ND PAGE

LCD NOTES:
 1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
 2. RESOLUTION: 1024x600
 3. VIEWING ANGLE: FREE
 4. SURFACE LUMINANCE: 1000cd/m²
 5. DRIVER IC ON BOARD: BT817Q
 6. INTERFACE: SPI/QSPI
 7. SUPPLY VOLTAGE FOR MODULE: 3.3V
 8. SUPPLY VOLTAGE FOR BACKLIGHT: 5.0V(TYP.), BUILT-IN LED INVERTER

GENERAL NOTES:
 1. OPERATING TEMPERATURE: -20°C ~ 70°C
 2. STORAGE TEMPERATURE: -30°C ~ 80°C
 3. WITHOUT INDIVIDUAL TOLERANCE: ±0.2mm
 4. RoHS3 COMPLIANT

PN: RVT70HSBNWN00
 SN:
 DRAWN: M.Natywa
 CHECKED: K.Brodacka
 APPR:

| | | |
|------------|--------|-----------|
| 2021.04.12 | 1:1.49 | |
| 2021.07.09 | [mm] | |
| ISO A3 | | P. 1 of 1 |



| P1-RIBUS CONNECTOR | | | |
|--------------------|------------|---------|-------------|
| Pin No. | Desc. | Pin No. | Desc. |
| 1 | VDD | 11 | GPIO.1/IO.2 |
| 2 | GND | 12 | GPIO.2/IO.3 |
| 3 | SPI_SCLK | 13 | NC |
| 4 | MISO/IO.1 | 14 | NC |
| 5 | MOSI/IO.0 | 15 | NC |
| 6 | CS | 16 | NC |
| 7 | INT | 17 | BLVDD |
| 8 | RST/PD | 18 | BLVDD |
| 9 | GPIO.0 | 19 | BLGND |
| 10 | DISP_AUDIO | 20 | BLGND |

| P2-LOUDSPEAKER OUTPUT CONNECTOR | | | |
|---------------------------------|----------|---------|----------|
| Pin No. | Desc. | Pin No. | Desc. |
| 1 | SPEAKER+ | 2 | SPEAKER- |