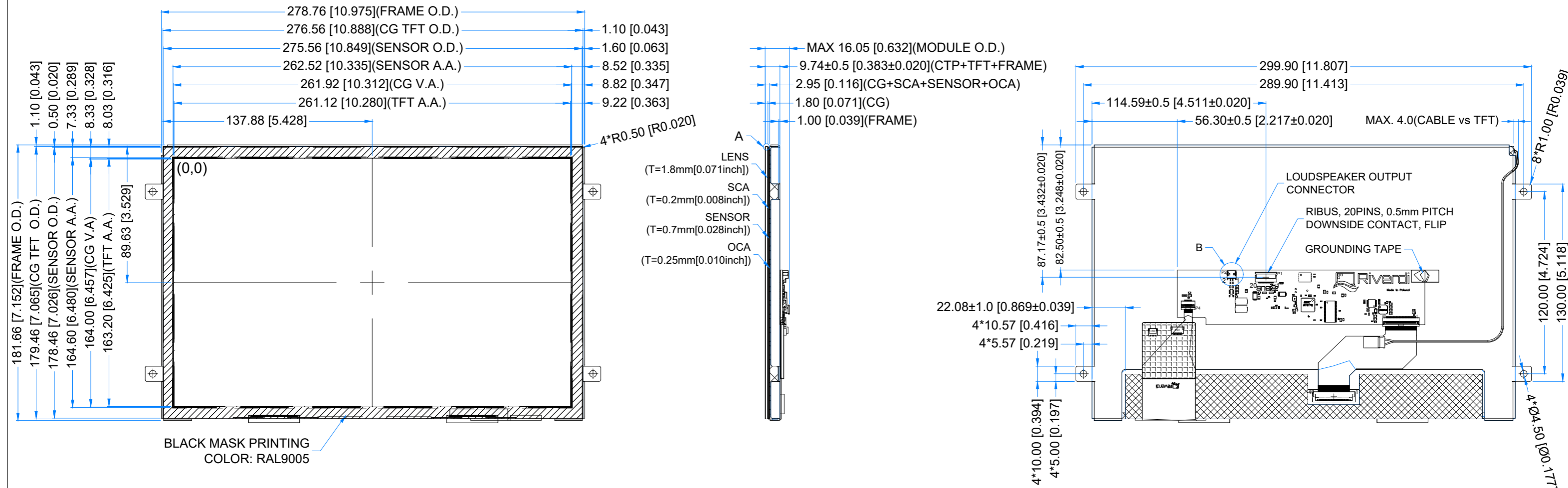
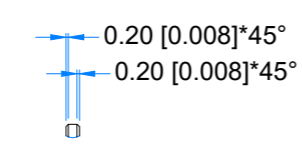


| Revision: | Changes: | Date: |
|-----------|-------------------------|------------|
| 1.0 | Initial Case | 2024.04.11 |
| 1.1 | Changed the CG VA value | 2025.02.03 |

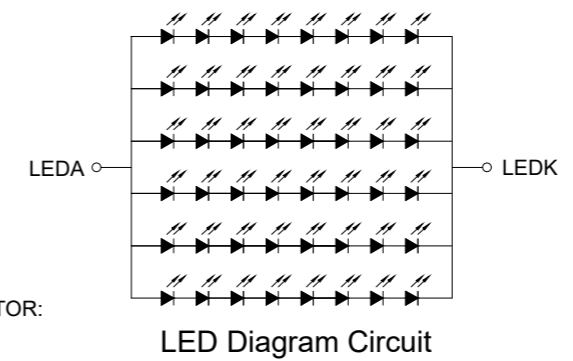
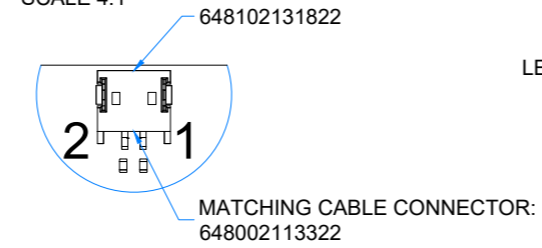


BLACK MASK PRINTING
COLOR: RAL9005

DETAIL A
SCALE 4:1



DETAIL B
SCALE 4:1



PINOUT ON THE 2ND PAGE

LCD NOTES:

- LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 1280x800
- VIEWING ANGLE: FREE
- SURFACE LUMINANCE: 850 cd/m²
- DRIVING IC ON THE BOARD: BT817Q
- INTERFACE: SPI/QSPI
- SUPPLY VOLTAGE FOR MODULE: 3.3 V
- SUPPLY VOLTAGE FOR BACKLIGHT: 7.0 ± 14.0 V, BUILT-IN LED INVERTER

TP NOTES:

- TP STRUCTURE: G+G
- CG THICKNESS: 1.8mm[0.071inch]
- SURFACE HARDNESS: 6H
- DRIVER IC: ILI2511
- INTERFACE: SPI/QSPI VIA RIBUS AND BT817Q

GENERAL NOTES:

- OPTICAL BONDING BETWEEN TFT AND CTP
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
- RoHS3 COMPLIANT

| | | | |
|------------------------|------------|--------|--|
| PN: RVT121HVBFWCA0-B | | | |
| SN: | | | |
| DRAWN: M.Suchocki | 2025.02.03 | 1:2.48 | |
| CHECKED: M.Wierzbowski | 2025.02.03 | [mm] | |
| APPR: | | | |



| 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- |