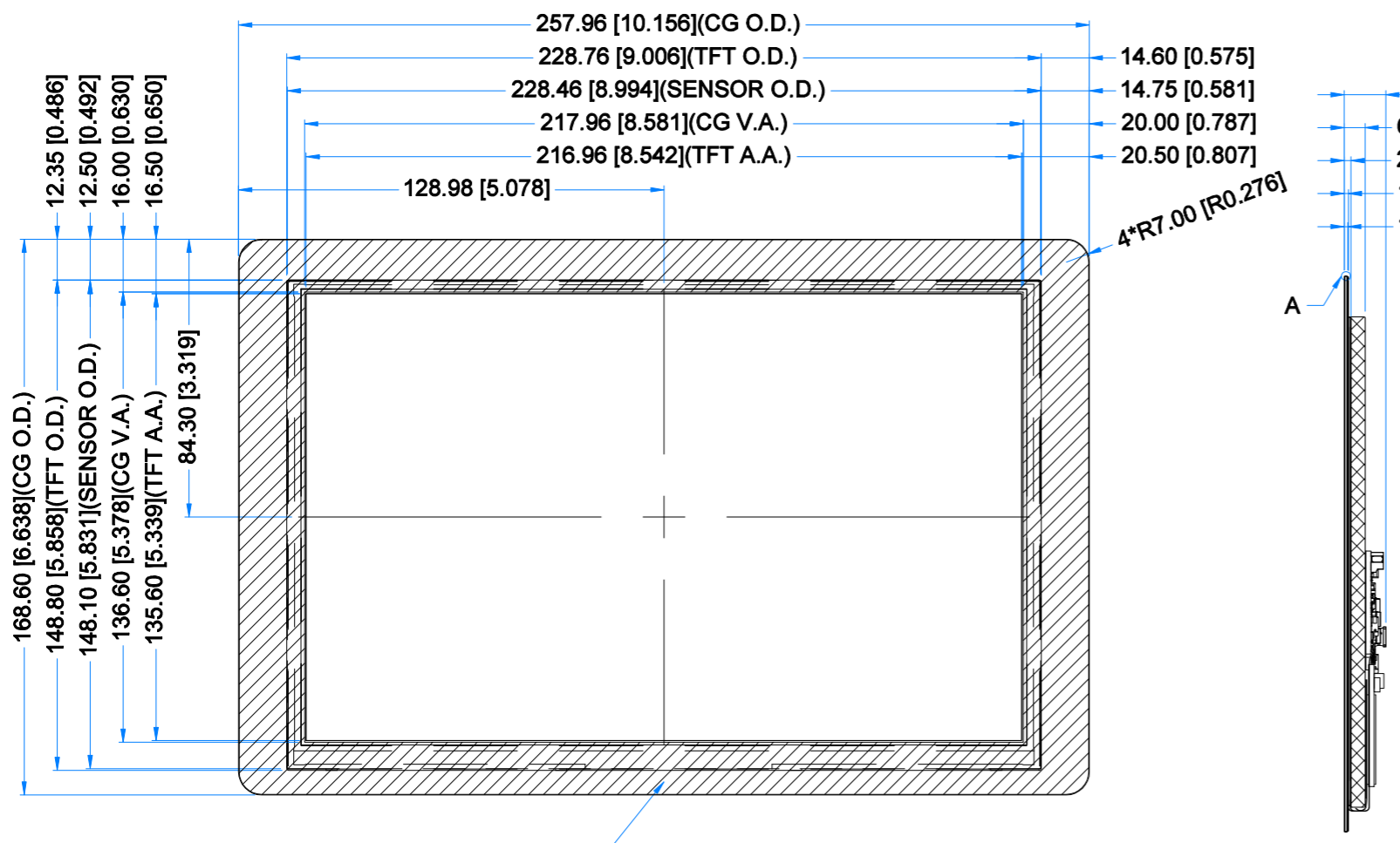
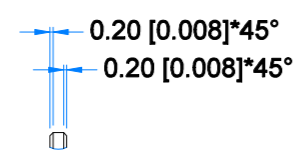


Revision:	Changes:	Date:
1.0	Initial Case	2020.09.08
1.1	PCB Update And Dimension Overhaul	2021.04.09
1.2	Adding Speaker PN And Matching Connector PN	2021.07.08

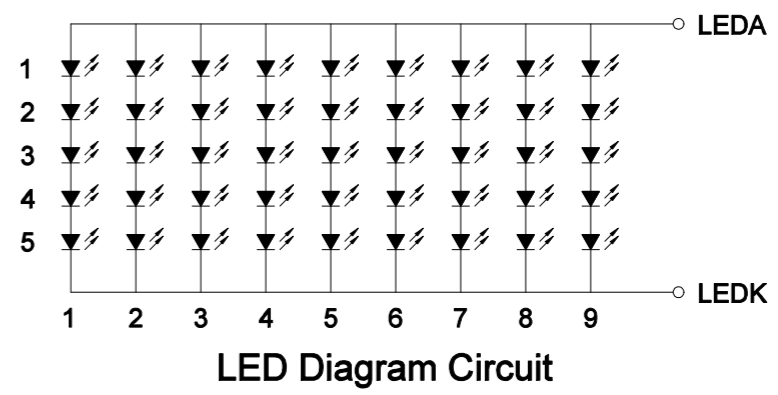
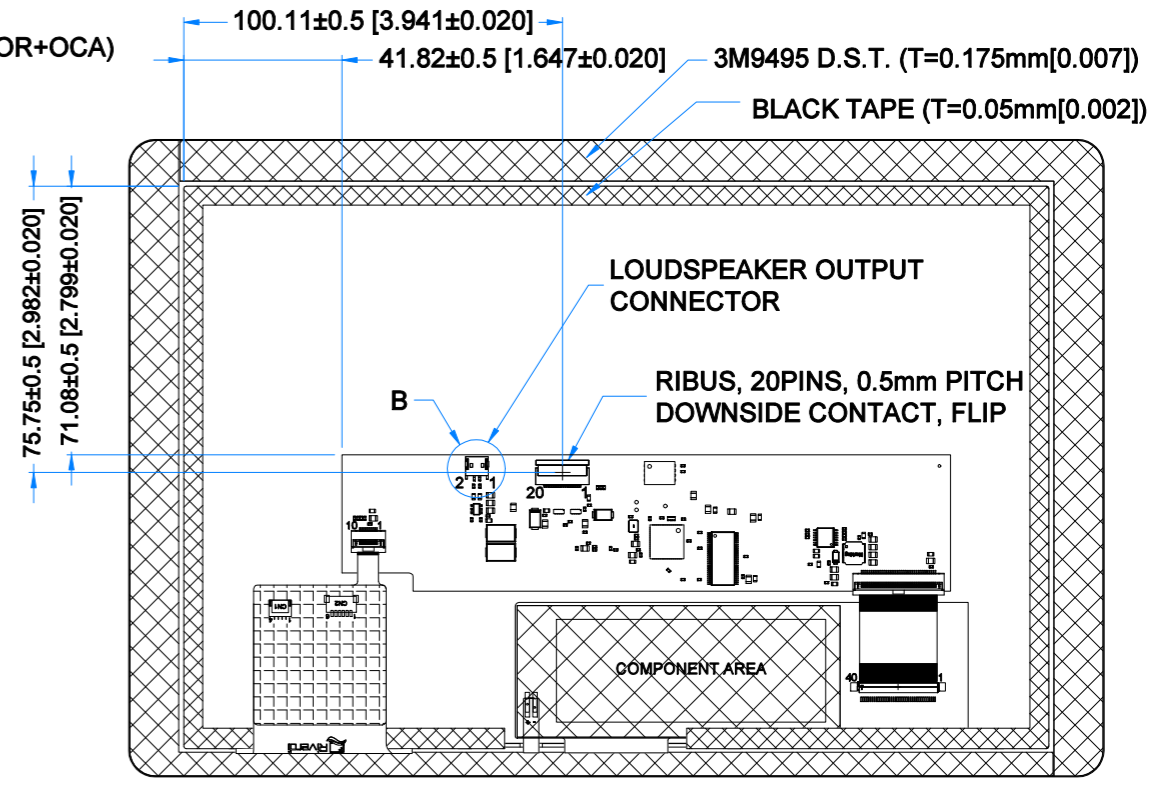
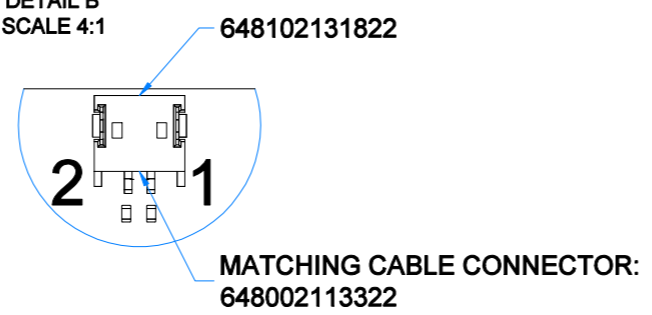


BLACK MASK PRINTING
COLOR: RAL9005

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 + 12.0 V BUILT-IN LED INVERTER

TP NOTES:

- TP STRUCTURE: G+G
- CG THICKNESS: 1.10mm
- SURFACE HARDNESS: 7H
- DRIVER IC: ILI2132A
- INTERFACE: SPI/QSPI VIA RIBUS AND BT817Q

GENERAL NOTES:

- ZERO BAD PIXELS FOR TFT
- OPTICAL BONDING
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm
- RoHS3 COMPLIANT

PN: RVT101HVBNC00-B		
SN:		
DRAWN: M.Natywa	2021.03.09	1:2.00
CHECKED: K.Brodacka	2021.07.08	[mm]
APPR:		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-