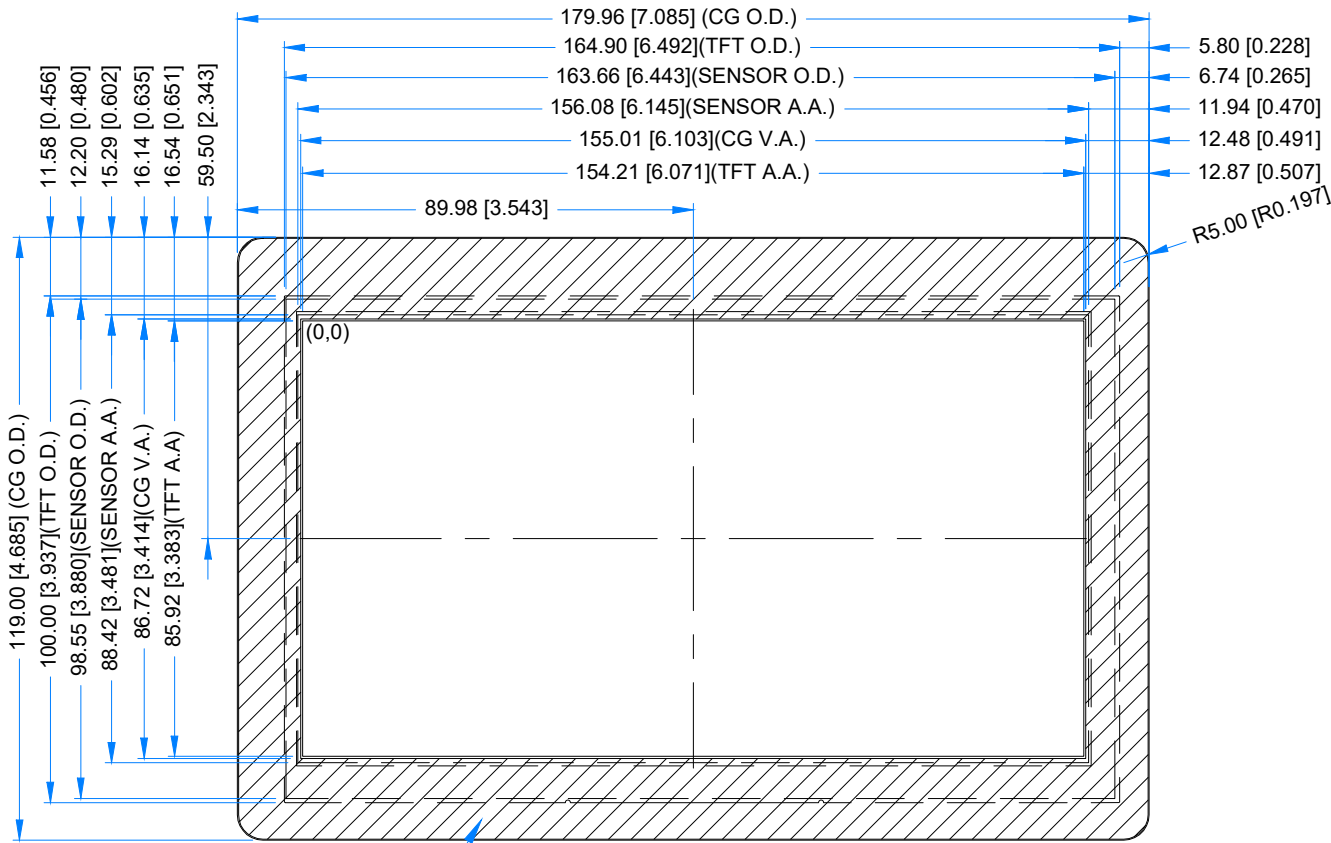
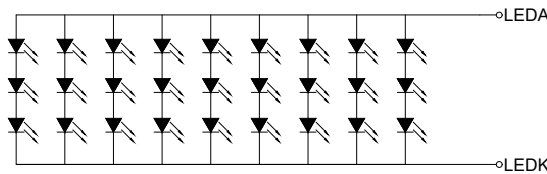
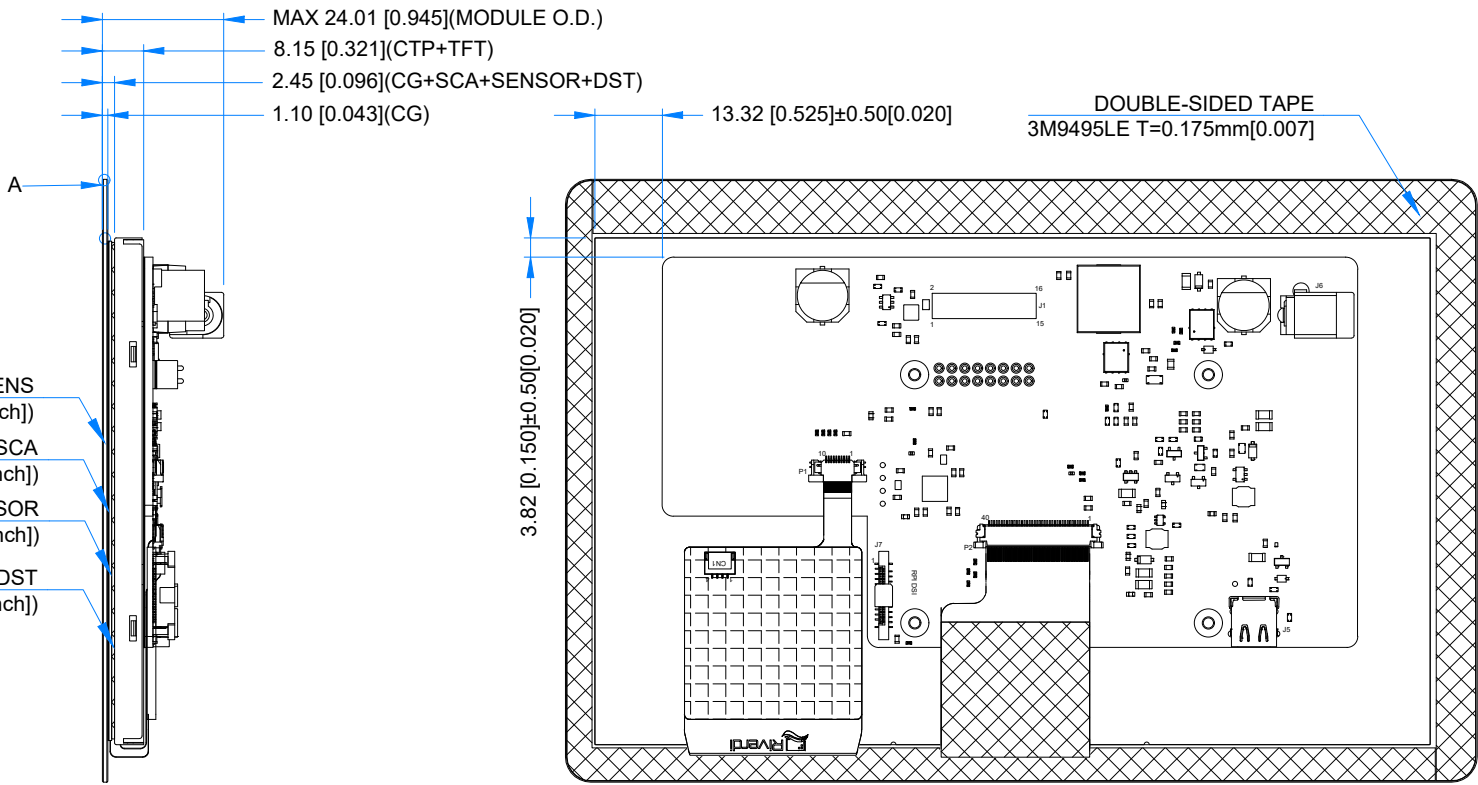
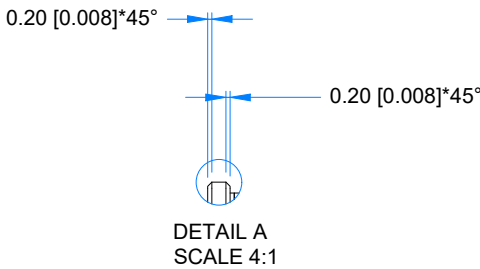




BLACK MASK PRINTING
REFER TO: RAL9005



LED Diagram Circuit

PINOUT ON THE 2ND PAGE

TFT NOTES: 1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS 2. RESOLUTION: 1024x600 3. VIEWING ANGLE: FREE 4. INTERFACE: MIPI DSI 5. DRIVER IC ON BOARD: SN65DSI83 6. SUPPLY VOLTAGE FOR MODULE: 5.0V(USB), 7.5-36V(DC INPUT) 7. RASPBERRY PI COMPATIBLE	TP NOTES: 1. TP STRUCTURE: G+G 2. CG THICKNESS: 1.1mm[0.043inch] 3. DRIVER IC: ILI2132A 4. SURFACE HARDNESS: 7H 5. INTERFACE: CONNECTED TO RPI 5 VIA I2C	GENERAL NOTES: 1. MODULE SURFACE LUMINANCE: 800cd/m ² 2. OPERATING TEMPERATURE: -20°C ~ 70°C 3. STORAGE TEMPERATURE: -30°C ~ 80°C 4. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm 5. RoHS COMPLIANT				
			PN: RVT70HSPNWC00			
			SN:			
			DRAWN: M.Stabinski	2025.12.15	1:1.49	
			CHECKED: A.Demko-Karolczuk	2025.12.15	[mm]	
			APPR: M.Wierzbowski	2025.12.15	ISO A3	





J7 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	GND	12	DSI_D2P
2	DSI_D0N	13	GND
3	DSI_D0P	14	DSI_D3N
4	GND	15	DSI_D3P
5	DSI_D1N	16	GND
6	DSI_D1P	17	NC
7	GND	18	NC
8	DSI_CLKN	19	GND
9	DSI_CLKP	20	RPi_DSI_SCL
10	GND	21	RPi_DSI_SDA
11	DSI_D2N	22	VCC

J1 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	3.3V	9	GND
2	5.0V	10	NC
3	CTP_SDA	11	LCD_RES
4	5.0V	12	BLPWM
5	CTP_SCL	13	LCD_STBY
6	GND	14	GND
7	CTP_RST	15	CTP_INT
8	NC	16	RPi_Bridge_rst