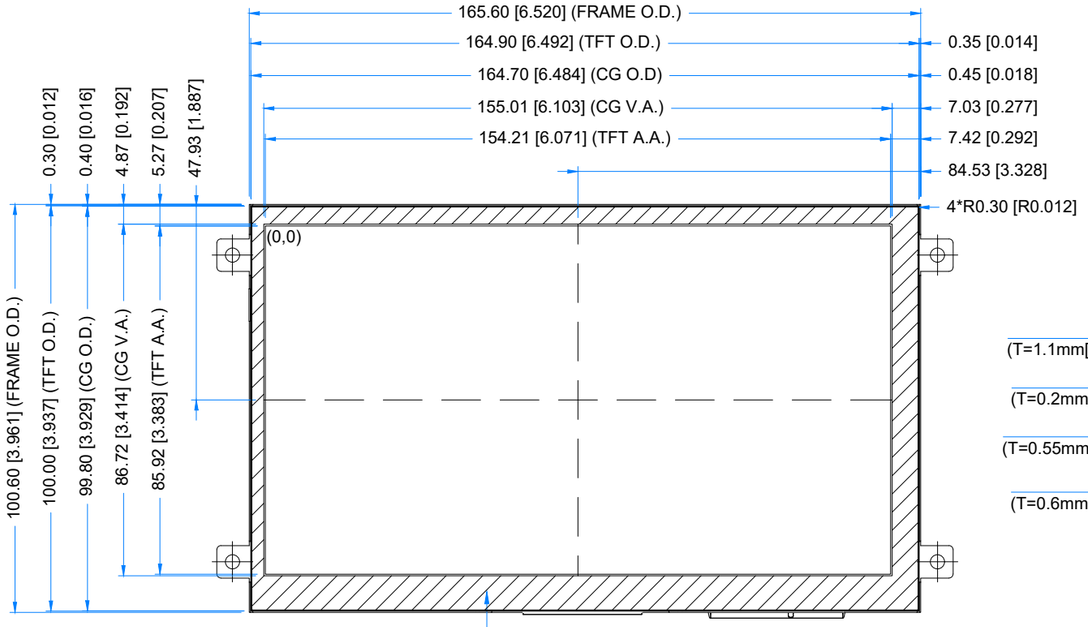
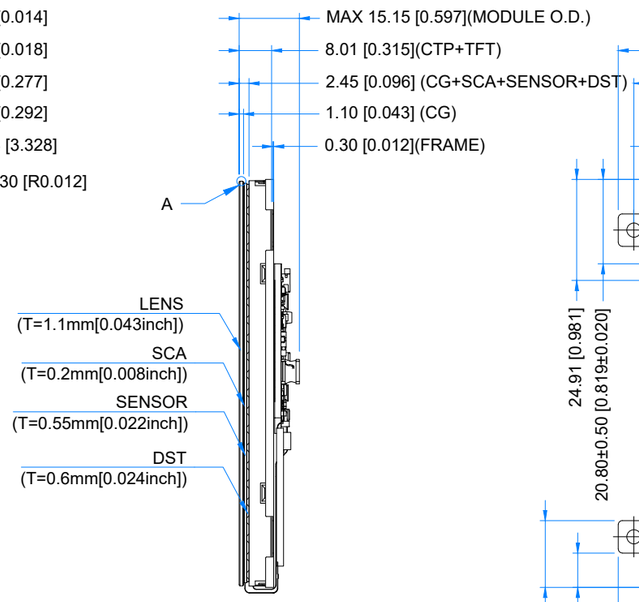
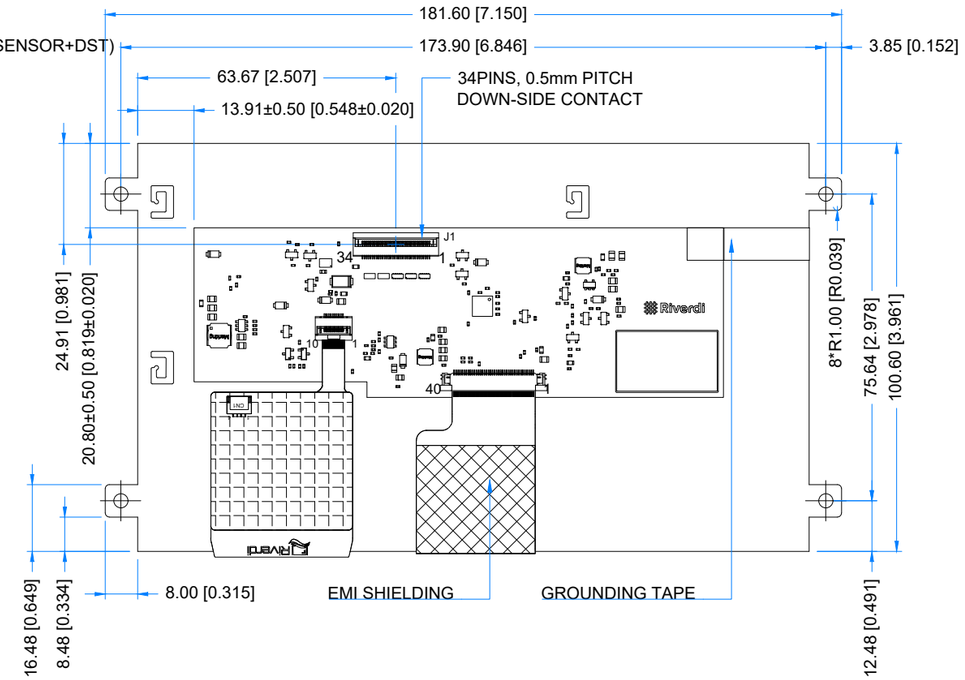
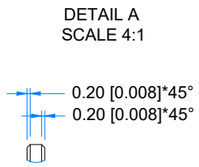
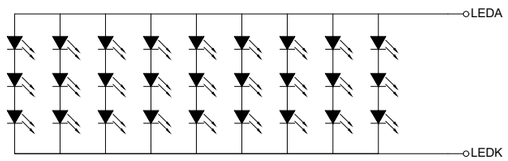
Revision:	Changes:	Date:
1.0	Initial Case	2026.05.27
1.1	Corrected detail view	2026.10.20











LED Diagram Circuit

PINOUT ON THE 2ND PAGE

LCD NOTES:
1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
2. RESOLUTION: 1024x600
3. VIEWING ANGLE: FREE
4. DRIVING IC ON THE BOARD: SN65DSI83ZXHR
5. INTERFACE: MIPI DSI
5. OPERATION VOLTAGE: 5.0V
6. BACKLIGHT: 27LED, If=270mA; Vf=8.4-10.2V

TP NOTES:
1. TP STRUCTURE: G+G
2. CG THICKNESS: 1.1mm[0.043inch]
3. SURFACE HARDNESS: 7H
4. DRIVER IC: ILI2132A
5. INTERFACE: I2C

GENERAL NOTES:
1. 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[0.012inch]
5. RoHS3 COMPLIANT

PN: RVT70HSDFWCA0 V2				Riverdi
SN:				
DRAWN:	M.Stabinski	2026.10.20	1:1.51	
CHECKED:	M.Wierzbowski	2026.10.20	[mm]	
APPR:	M.Wierzbowski	2026.10.20	ISO A3	P. 1 of 1

J1 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	GND	18	BL_PWM
2	D0_P	19	INT
3	D0_N	20	SCL
4	GND	21	SDA
5	D1_P	22	RST
6	D1_N	23	1.8V
7	GND	24	VREF
8	CLK_P	25	3.3V
9	CLK_N	26	5V
10	GND	27	5V
11	D2_P	28	5V
12	D2_N	29	5V
13	GND	30	GND
14	D3_P	31	NC
15	D3_N	32	NC
16	GND	33	NC
17	PWR_DN	34	NC