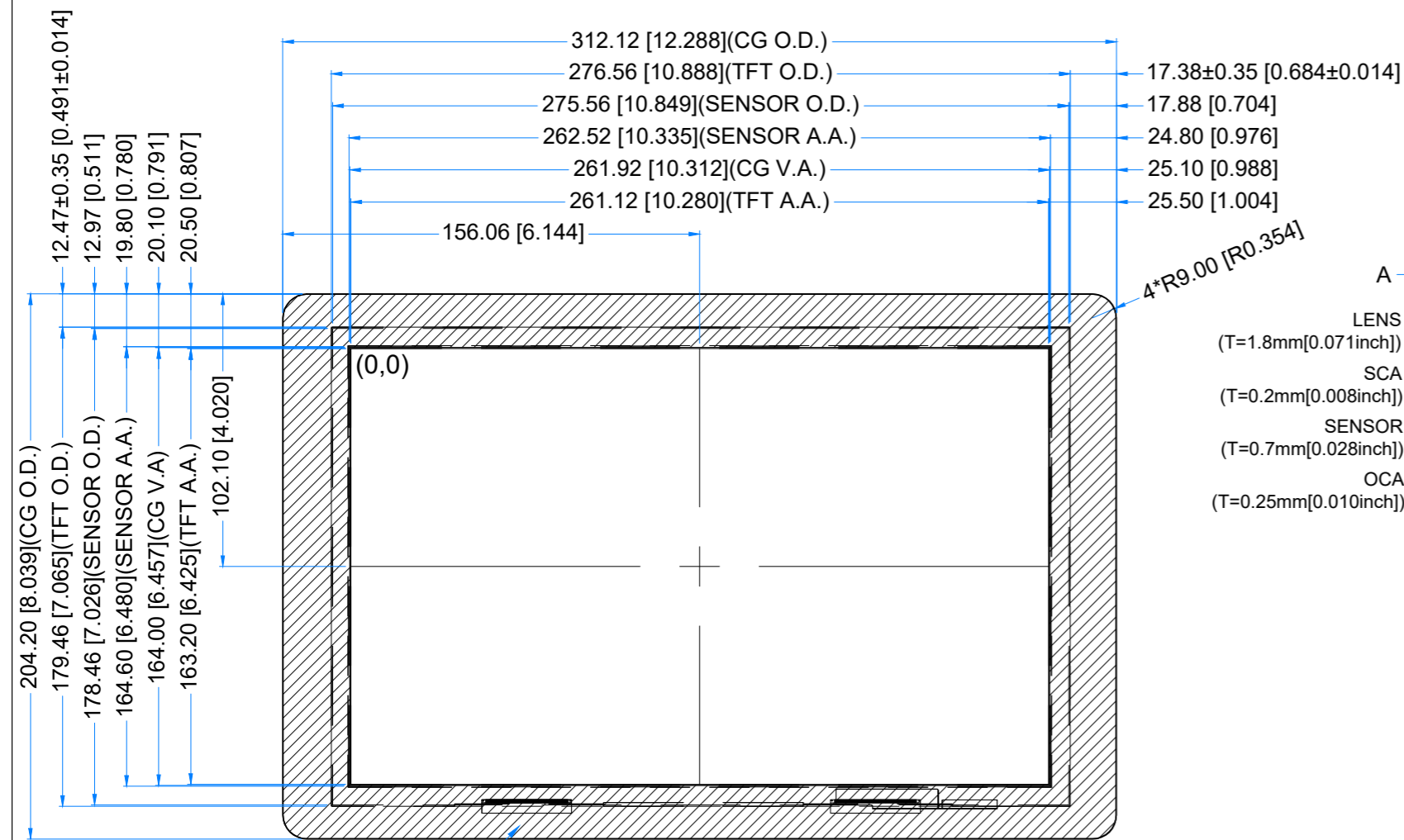


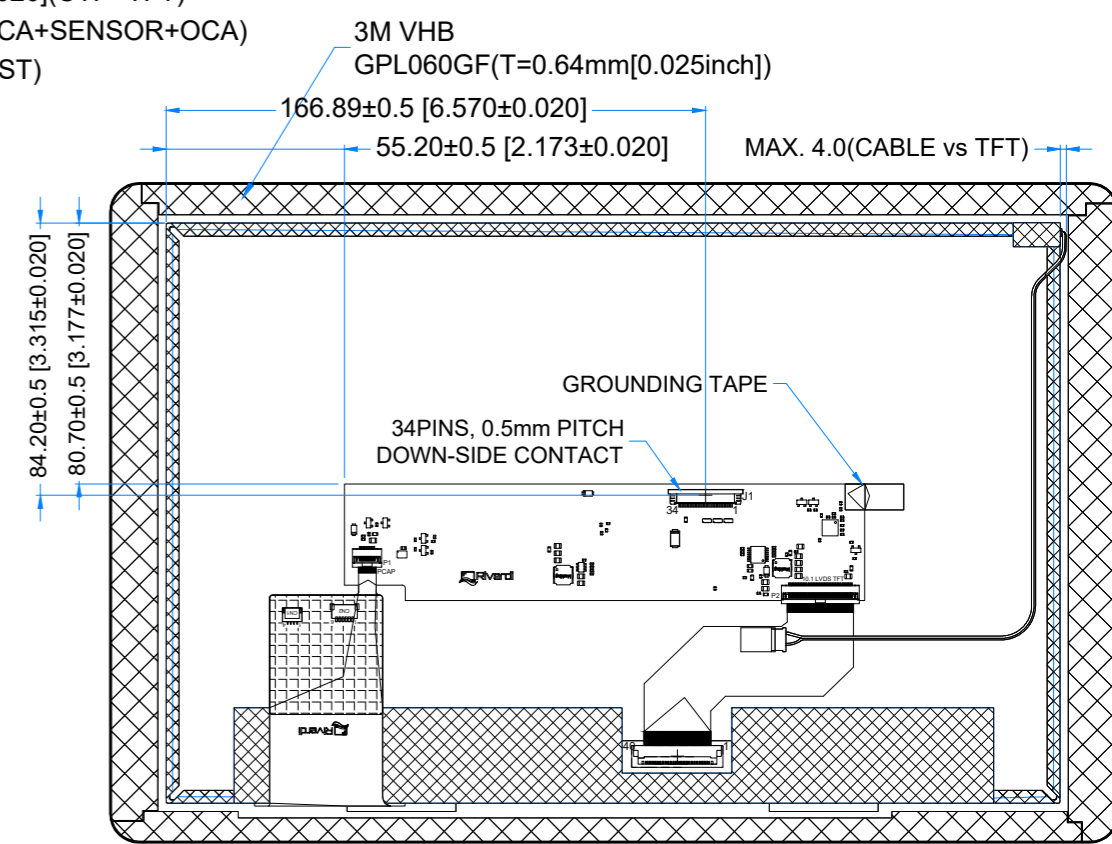
Revision:	Changes:	Date:
1.0	Initial Case	2024.03.12
1.1	Changed the CG VA dimension	2025.02.04



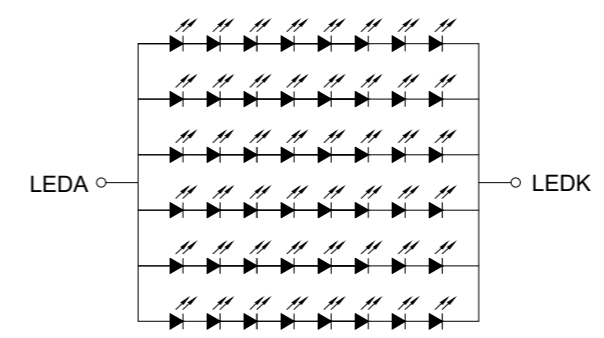
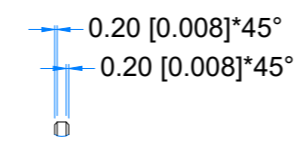
4*R9.00 [R0.354]

- LENS (T=1.8mm[0.071inch])
- SCA (T=0.2mm[0.008inch])
- SENSOR (T=0.7mm[0.028inch])
- OCA (T=0.25mm[0.010inch])

- MAX 14.79 [0.582](MODULE O.D.)
- 8.51±0.5 [0.335±0.020](CTP+TFT)
- 2.95 [0.116](CG+SCA+SENSOR+OCA)
- 2.44 [0.096](CG+DST)
- 1.80 [0.071](CG)
- 5.56 [0.219](TFT)



DETAIL A
SCALE 4:1



LED Diagram Circuit

PINOUT ON THE 2ND PAGE

LCD NOTES:

- LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 1280x800
- VIEWING ANGLE: FREE
- DRIVING IC ON THE BOARD: SN65DSI83ZXHR
- INTERFACE: MIPI DSI
- SUPPLY VOLTAGE FOR MODULE: 5.0 V

TP NOTES:

- TP STRUCTURE: G+G
- CG THICKNESS: 1.8mm[0.071inch]
- SURFACE HARDNESS: 6H
- DRIVER IC: ILI2511
- INTERFACE: I2C

GENERAL NOTES:

- MODULE SURFACE LUMINANCE: 850 cd/m²
- OPTICAL BONDING
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
- RoHS3 COMPLIANT

PN: RVT121HVDNWC00-B
 SN:
 DRAWN: M.Suchocki
 CHECKED: M.Wierzbowski
 APPR:

Riverdi

2025.02.04	1:2.34	
2025.02.04	[mm]	
ISO A3	P. 1 of 1	



J1 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	GND	18	PWM
2	DSI_D0P	19	INT
3	DSI_D0N	20	I2C_SCL
4	GND	21	I2C_SDA
5	DSI_D1P	22	RESET
6	DSI_D1N	23	NC
7	GND	24	VREF
8	DSI_CLKP	25	NC
9	DSI_CLKN	26	5V
10	GND	27	5V
11	DSI_D2P	28	5V
12	DSI_D2N	29	5V
13	GND	30	GND
14	DSI_D3P	31	NC
15	DSI_D3P	32	NC
16	GND	33	NC
17	PWR_DN	34	NC