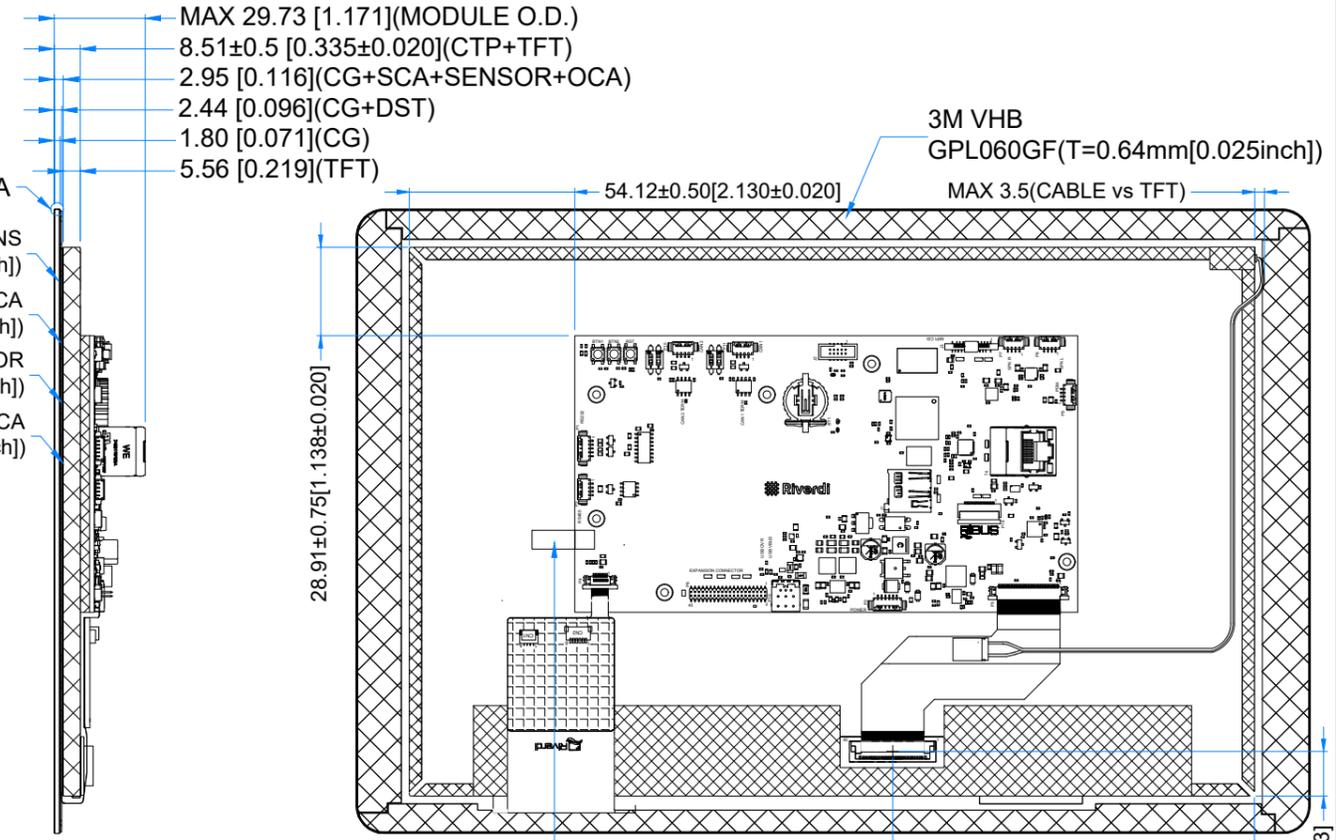
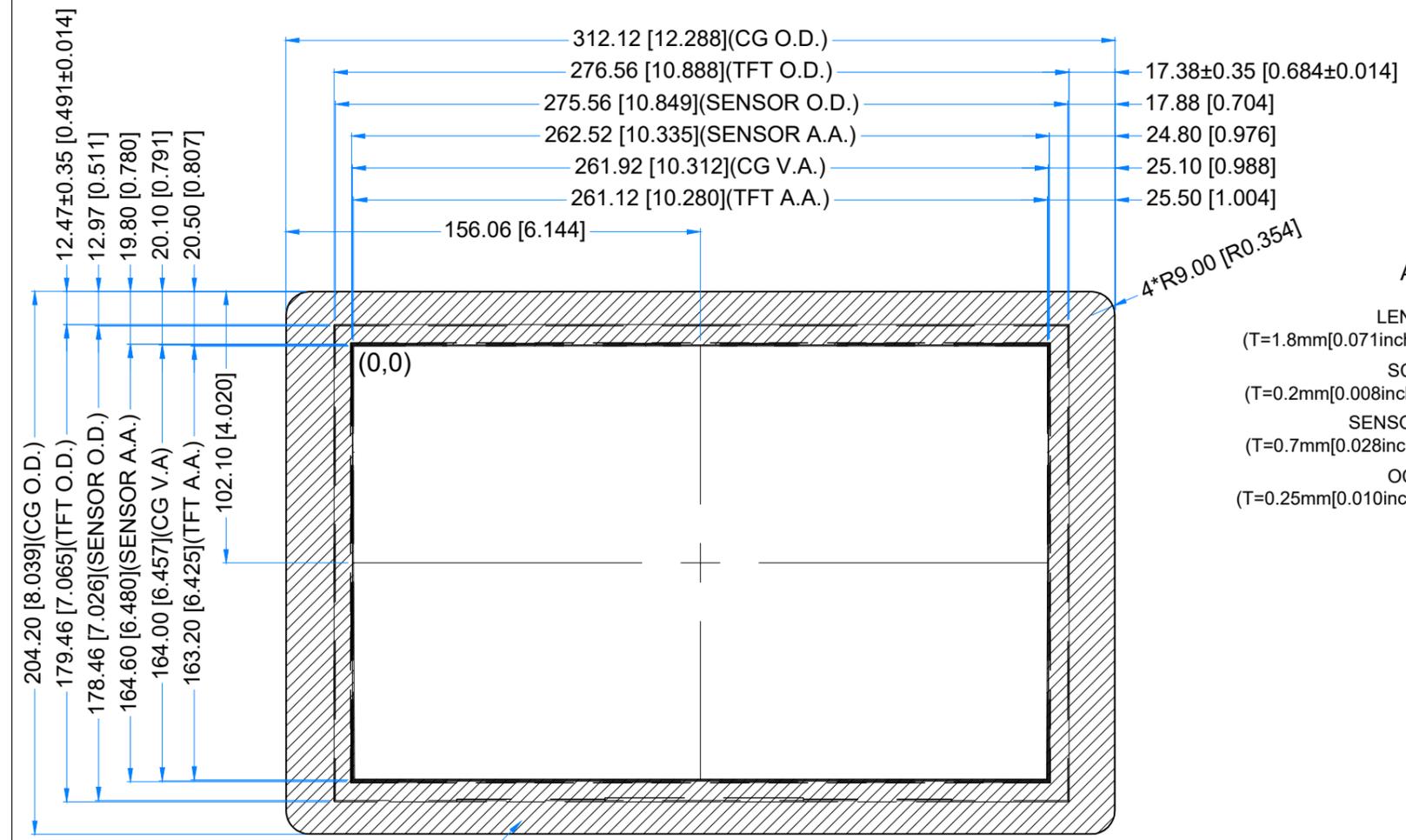
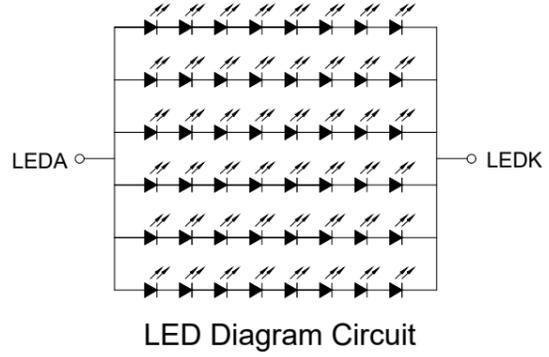
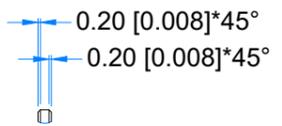


Revision:	Changes:	Date:
1.0	Initial Case	2025.12.12



BLACK MASK PRINTING
Refer to RAL9005

DETAIL A
SCALE 4:1



1.25 MM MOLEX CONNECTORS

NO.	TYPE	MATE WITH
P9 (PDM)	53261-0471	51021-0400
P6 (SPK L)	53261-0471	51021-0400
P7 (SPK R)	53261-0471	51021-0400
P11 (CAN1)	53261-0471	51021-0400
P15 (CAN2)	53261-0471	51021-0400
P1 (RS232)	53261-0571	51021-0500
P3 (RS485)	53261-0471	51021-0400
P2 (POWER)	53261-0671	51021-0600

1.27 MM PIN HEADER AND SOCKET

NO.	TYPE	MATE WITH
P8 (EXPANSION)	CH51402M100-0P	CBC1402D100 OR CBC1402M100-2P
J2 (JTAG)	20021521-00010T4LF	20021444-00010T4LF

LCM NOTES:
 1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
 2. RESOLUTION: 1280x800
 3. VIEWING ANGLE: FREE
 4. MCU ON THE BOARD: MIMXRT1176DVM
 5. EXTERNAL SDRAM SIZE: 512 Mbit
 6. EXTERNAL FLASH SIZE: 512 Mbit Octal Flash + 32 Mbit SPI Flash
 7. SUPPLY VOLTAGE FOR MODULE: 7.0V - 36.0V

TP NOTES:
 1. TP STRUCTURE: G+G
 2. CG THICKNESS: 1.80mm[0.070inch]
 3. SURFACE HARDNESS: 7H
 4. DRIVER IC: ILI2511
 5. INTERFACE: CONNECTED TO MCU VIA I2C

GENERAL NOTES:
 1. MODULE SURFACE LUMINANCE: 850 cd/m²
 2. OPERATING TEMPERATURE: -20°C ~ 70°C
 3. STORAGE TEMPERATURE: -30°C ~ 80°C
 4. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm
 5. RoHS3 COMPLIANT

PN: RVT121HVNNWC00-B			
SN:			
DRAWN: M.Stabinski	2025.12.12	1:2.31	
CHECKED: J.Teska-Adamiec	2025.12.12	[mm]	
APPR: M.Wierzbowski	2025.12.12	ISO A3	