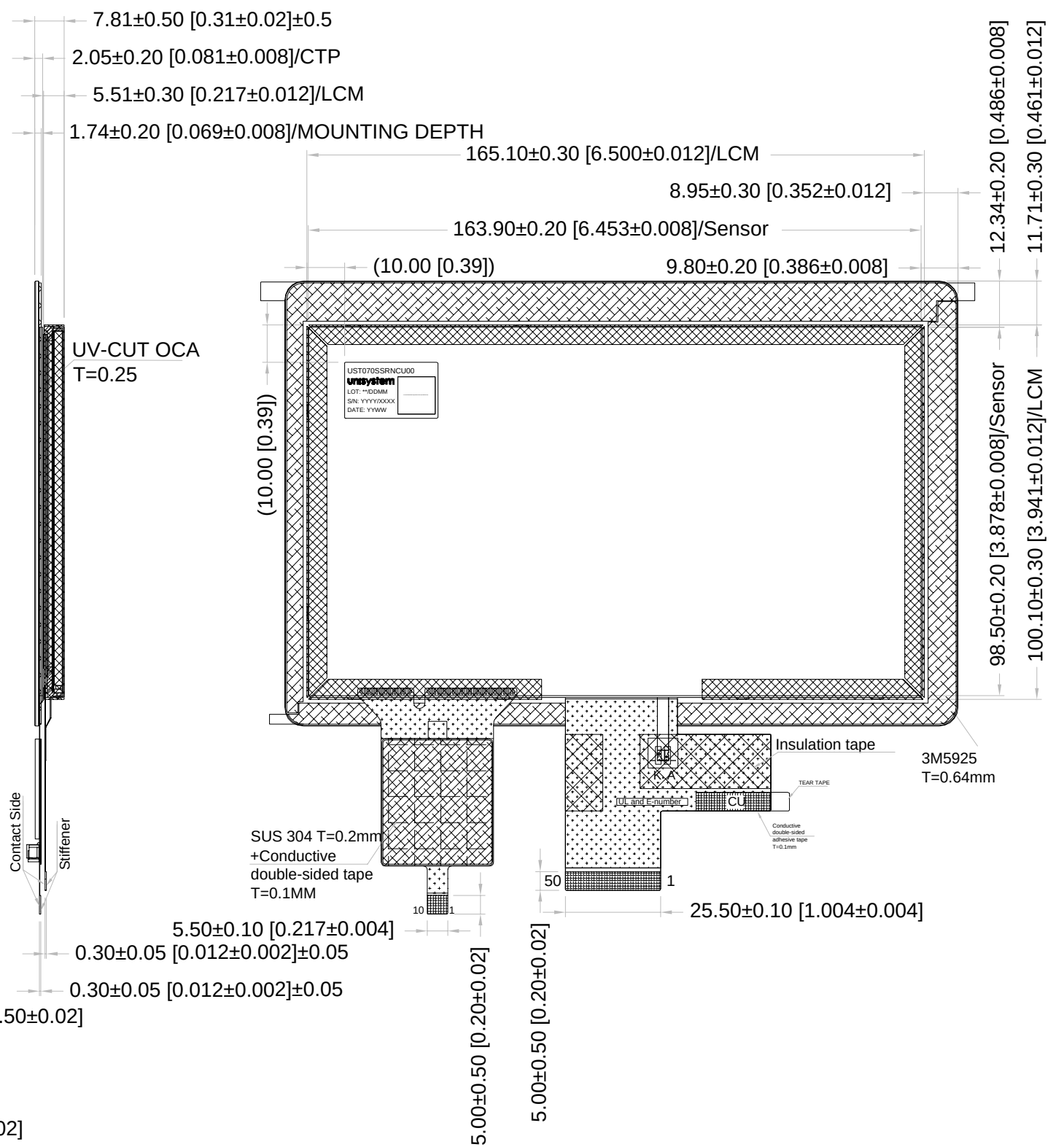




TFT NOTES: 1. DISPLAY TYPE: TRANSMISSIVE, IPS, NORMALLY BLACK 2. COLOR DEPTH: 16.7M 3. RESOLUTION: 1024x600 4. VIEWING ANGLE: FULL 5. INTERFACE: RGB 6. DRIVER IC: JD9165BA 7. LOGIC VOLTAGE: 3.3V 8. SURFACE LUMINANCE: 900 cd/m²(WITH CTP) 9. BACKLIGHT: 30 WHITE CHIP LED V_F= 8.1~9.9V I_F= 250mA LED LIFETIME: 100k hours.
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TP NOTES:

1. TP STRUCTURE: G+G
2. INTERFACE: USB/I2C
3. DRIVER IC: ILI2520
4. OPERATING VOLTAGE: 3.3V(I2C); 5.0V(USB)
5. SURFACE HARDNESS: $\geq 6H$
6. TRANSMITTANCE: $\geq 85\%$
7. CG GLASS THICKNESS: 1.1mm

GENERAL NOTES:

1. OPERATING TEMPERATURE: -20°C ~ 70°C
2. STORAGE TEMPERATURE: -30°C ~ 80°C
3. WITHOUT INDIVIDUAL TOLERANCE: SEE TABLE
4. RoHS COMPLIANT
5. MAX. FLATNESS GEOMETRIC TOLERANCE OF THE SURFACE ON WHICH THE MODULE IS MOUNTED:
6. MIN.SURFACE ENERGY OF THE MATERIAL ON WHICH THE MODULE IS MOUNTED: 37 mN/m(dyn/cm)
7. MAX. FFC PULLING FORCE: TBD
8. SHELF TIME OF THE MODULE: 2 YEARS.
9. () - REFERENCE DIM; [] - INCH DIM.

			
PN: UST070SSRNCU00			
REV/DOC_VER: V1 / D1			
DRAWN: A.L.	15.09.2026	1:1.49	
CHECKED: MP	15.09.2026	[mm]	
APPR: J.M.	15.09.2026	ISO A3	
			P. 1 of 2

LCD CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	LED+	26	G1
2	LED+	27	G0
3	LED-	28	R7
4	LED-	29	R6
5	GND	30	R5
6	NC	31	R4
7	VDD	32	R3
8	MODE	33	R2
9	DE	34	R1
10	VSYNC	35	R0
11	HSYNC	36	GND
12	B7	37	DCLK
13	B6	38	GND
14	B5	39	L/R
15	B4	40	U/D
16	B3	41	NC
17	B2	42	NC
18	B1	43	NC
19	B0	44	RSTB
20	G7	45	NC
21	G6	46	NC
22	G5	47	STBYB
23	G4	48	GND
24	G3	49	NC
25	G2	50	NC

TOUCH PANEL CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	USB_GND	6	I2C_VDD
2	USB_VDD	7	I2C_RST
3	USB_D-	8	I2C_SCL
4	USB_D+	9	I2C_INT
5	I2C_GND	10	I2C_SDA

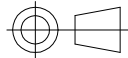
CN1 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	USB_VDD	3	USB_D+
2	USB_D-	4	USB_GND

CN2 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	I2C_GND	4	I2C_SCL
2	I2C_VDD	5	I2C_INT
3	I2C_RST	6	I2C_SDA

V1	D1	Initial Case	31/08/2026
Rev	Ver	Changes	Data

PN: UST070SSRNCU00

REV/VER: V1 / D1

DRAWN: M.C.	01.10.2026	1:1.49	
CHECKED: MP	01.10.2026	[mm]	
APPR: J.M.	01.10.2026	ISO A3	