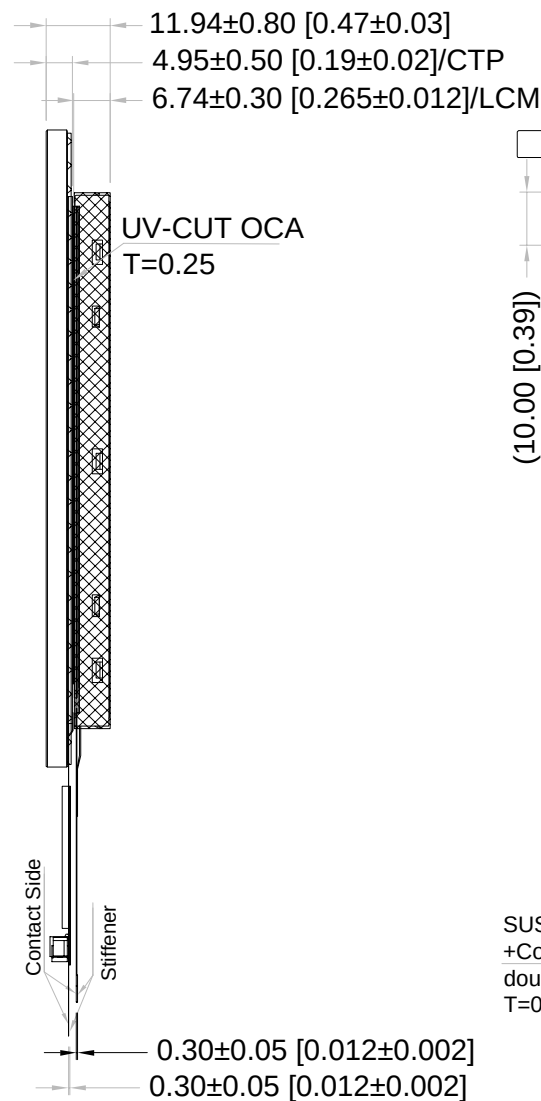




TFT NOTES:

1. DISPLAY TYPE: NORMALLY BLACK, GLARE
2. COLOR DEPTH: 16.7M
3. RESOLUTION: 1024x600
4. VIEWING ANGLE: FULL
5. INTERFACE: LVDS
6. DRIVER IC: JD9165BA
7. LOGIC VOLTAGE: 3.3V
8. SURFACE LUMINANCE: 1900 cd/m²(WITH CTP)
9. BACKLIGHT: 24 WHITE CHIP LED $V_F = 21.6 \sim 26.4V$ $I_F = 240mA$
LED LIFETIME: 100k hours.

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: 4.0mm

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:  0.5
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: UST070HSLNCU00			
REV/VER: V2 / D1			
DRAWN: M.K.	01.10.2026	1:1.43	
CHECKED: MP	01.10.2026	[mm]	
APPR: J.M.	01.10.2026	ISO A3	
		P. 1 of 2	

LCD CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	NC	21	RXIN3+
2	VDD(3.3V)	22	GND
3	VDD(3.3V)	23	NC
4	NC	24	NC
5	RESET	25	GND
6	STBYB	26	NC
7	GND	27	NC
8	RXIN0-	28	SELB
9	RXIN0+	29	VESA/JEIDA
10	GND	30	GND
11	RXIN1-	31	LED-
12	RXIN1+	32	LED-
13	GND	33	L/R
14	RXIN2-	34	U/D
15	RXIN2+	35	NC
16	GND	36	NC
17	RXCLKIN-	37	NC
18	RXCLKIN+	38	NC
19	GND	39	LED+
20	RXIN3-	40	LED+

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

V2	D1	Changed Design Details	25/09/2026
V1	D1	Initial Case	27/05/2026
Rev	Ver	Changes	Data

PN: UST070HSLNCU00

REV/VER: V2 / D1

DRAWN: M.K.	01.10.2026	1:1.43	
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