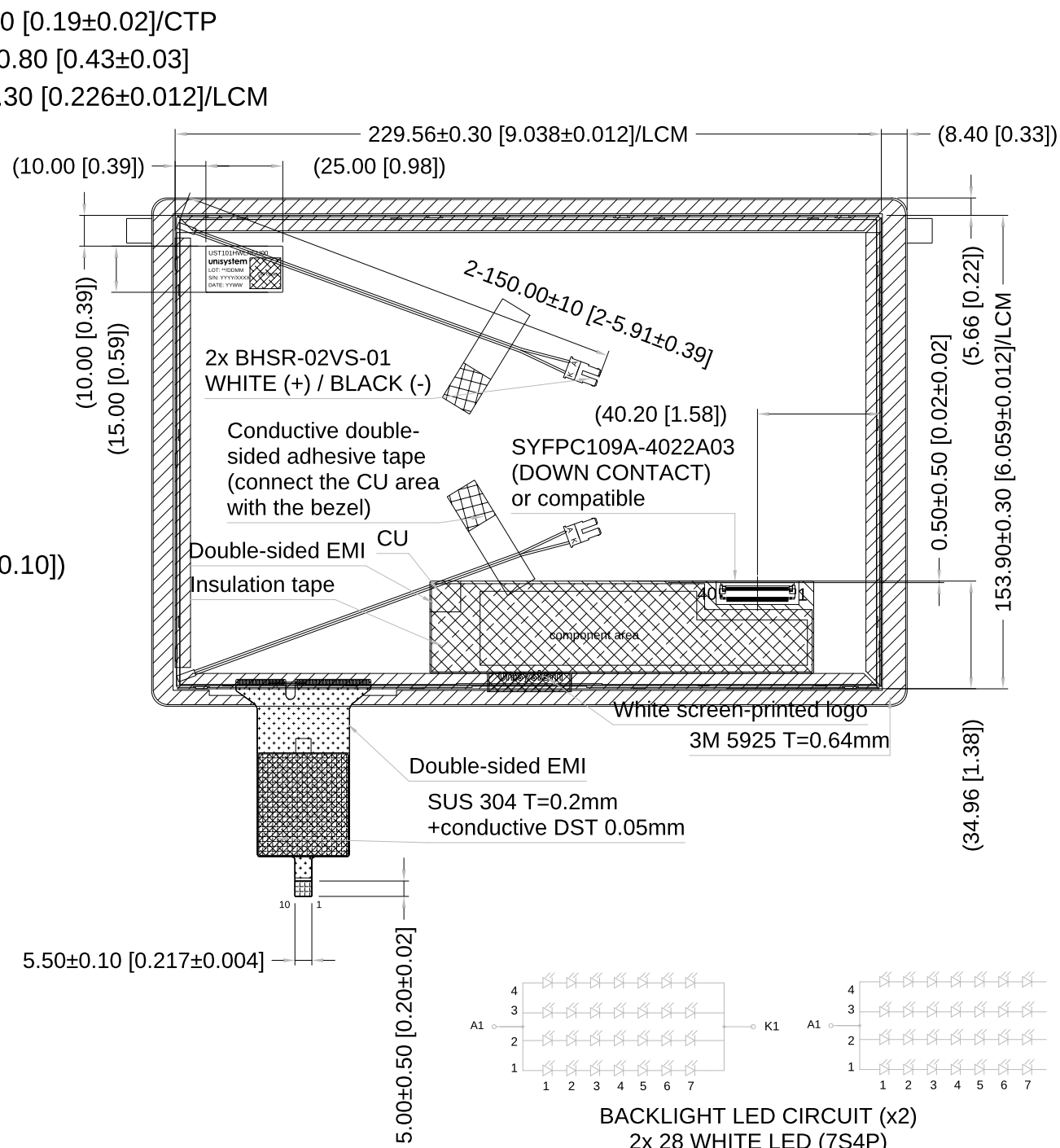




TFT NOTES: 1. DISPLAY TYPE: TRANSMISSIVE, IPS, NORMALLY BLACK 2. DISPLAY SIZE: 10.1" 3. RESOLUTION: 1280x800 4. VIEWING ANGLE: FULL 5. INTERFACE: LVDS 6. DRIVER IC: EK79202DB 7. LOGIC VOLTAGE: 3.3V 8. SURFACE LUMINANCE: 1900 cd/m² (TYP., WITH CTP) 9. BACKLIGHT: 2x 28 WHITE LED (2x 7S4P) V_f= 18.9~23.1V, I_f= 280mA (EACH), LED LIFETIME: 100k hours.	1 1 2 3 4 5 6 7
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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: 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:UST101HWLNCU00			
REV/DOC_VER: V1 / D1			
DRAWN: CU	12.10.2026	1:2	
CHECKED: J.M.	12.10.2026	[mm]	
APPR: J.M.	12.10.2026	ISO A3	P. 1 of 2

unisystem

LCD CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	NC	21	Rxin3+
2	VDD	22	GND
3	VDD	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	NC
12	Rxin1+	32	NC
13	GND	33	UPDN
14	Rxin2-	34	DIR
15	Rxin2+	35	NC
16	GND	36	NC
17	RxCLK-	37	NC
18	RxCLK+	38	NC
19	GND	39	NC
20	Rxin3-	40	NC

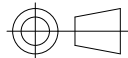
TOUCH PANEL CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	USB_GND	6	I2C_VDD
2	USB_VDD	7	I2C_RST
3	USB_D-	8	I2C_SCL
4	USB_D+	9	I2C_INT
5	I2C_GND	10	I2C_SDA

BACKLIGHT CONNECTOR (x2)			
Pin No.	Desc.	Pin No.	Desc.
1	LED+ (WHITE)	2	LED- (BLACK)

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	12/10/2026
Rev	Ver	Changes	Data

						
			DRAWN: CU	12.10.2026	1:2	
			CHECKED: J.M.	12.10.2026	[mm]	
			APPR: J.M.	12.10.2026	ISO A3	