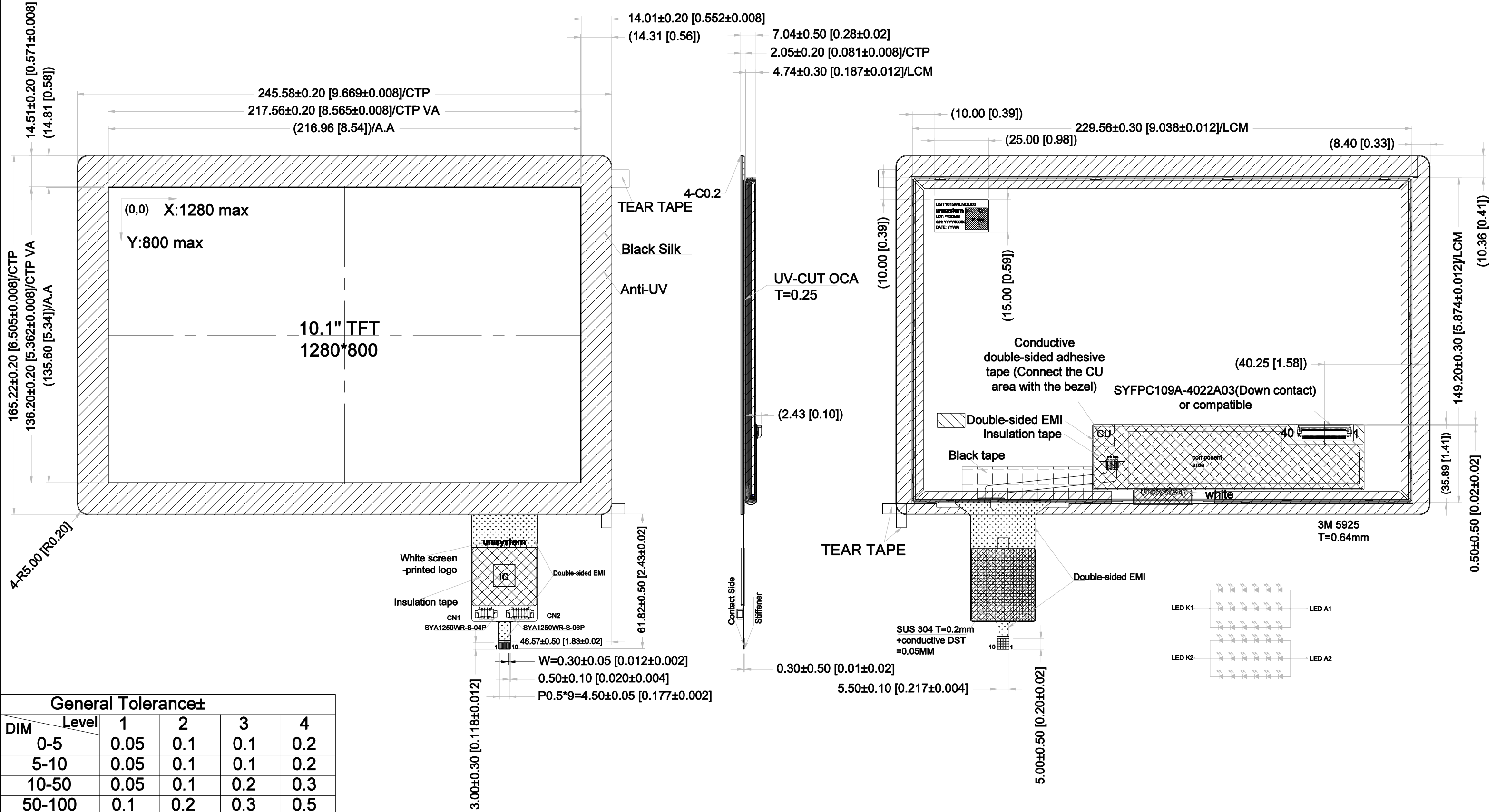




General Tolerance±					
DIM \ Level	1	2	3	4	
0-5	0.05	0.1	0.1	0.2	
5-10	0.05	0.1	0.1	0.2	
10-50	0.05	0.1	0.2	0.3	
50-100	0.1	0.2	0.3	0.5	
100-150	0.1	0.2	0.5	0.8	
Level Select				⊙	

TFT NOTES:

1. DISPLAY TYPE: TRANSMISSIVE, IPS, NORMALLY BLACK
2. COLOR DEPTH: 16.7M
3. RESOLUTION: 1280x800
4. VIEWING ANGLE: FULL
5. INTERFACE: LVDS
6. DRIVER IC: EK79202DB
7. LOGIC VOLTAGE: 3.3V
8. SURFACE LUMINANCE: 650 cd/m²(WITH CTP)
9. BACKLIGHT: 6X6=36 WHITE CHIP LED V_F= 16.8~19.8V I_F= 300mA
- 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:≥6H
6. TRANSMITTANCE: ≥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: 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: DR_UST101SWLNCU00	
REV/DOC_VER: V2 / D1	
DRAWN: M.K.	09.10.2026
CHECKED: MP	09.10.2026
APPR: J.M.	09.10.2026

PINOUT ON THE 2ND PAGE

1:1.65	
[mm]	
ISO A3	

P. 1 of 2

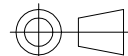
LCD CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	NC	21	RXIN3+
2	VDD	22	GND
3	VDD	23	NC
4	NC	24	NC
5	RESET	25	GND
6	STBYB	26	NC
7	GND	27	NC
8	RXIN0-	28	SELB
9	RXIN0+	29	VESA/JEIDA
10	GND	30	GND
11	RXIN1-	31	LED-
12	RXIN1+	32	LED-
13	GND	33	UPDN
14	RXIN2-	34	DIR
15	RXIN2+	35	NC
16	GND	36	NC
17	RXCLK-	37	NC
18	RXCLK+	38	NC
19	GND	39	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	Change the logo of CTP FPC	07/10/2026
V1	D1	Initial Case	18/05/2026
Rev	Ver	Changes	Data

		unisystem		
PN: DR_UST101SWLNCU00				
REV/VER: V2 / D1				
DRAWN: M.K.		09.10.2026	1:1.65	
CHECKED: MP		09.10.2026	[mm]	
APPR: J.M.		09.10.2026	ISO A3	
				P. 2 of 2