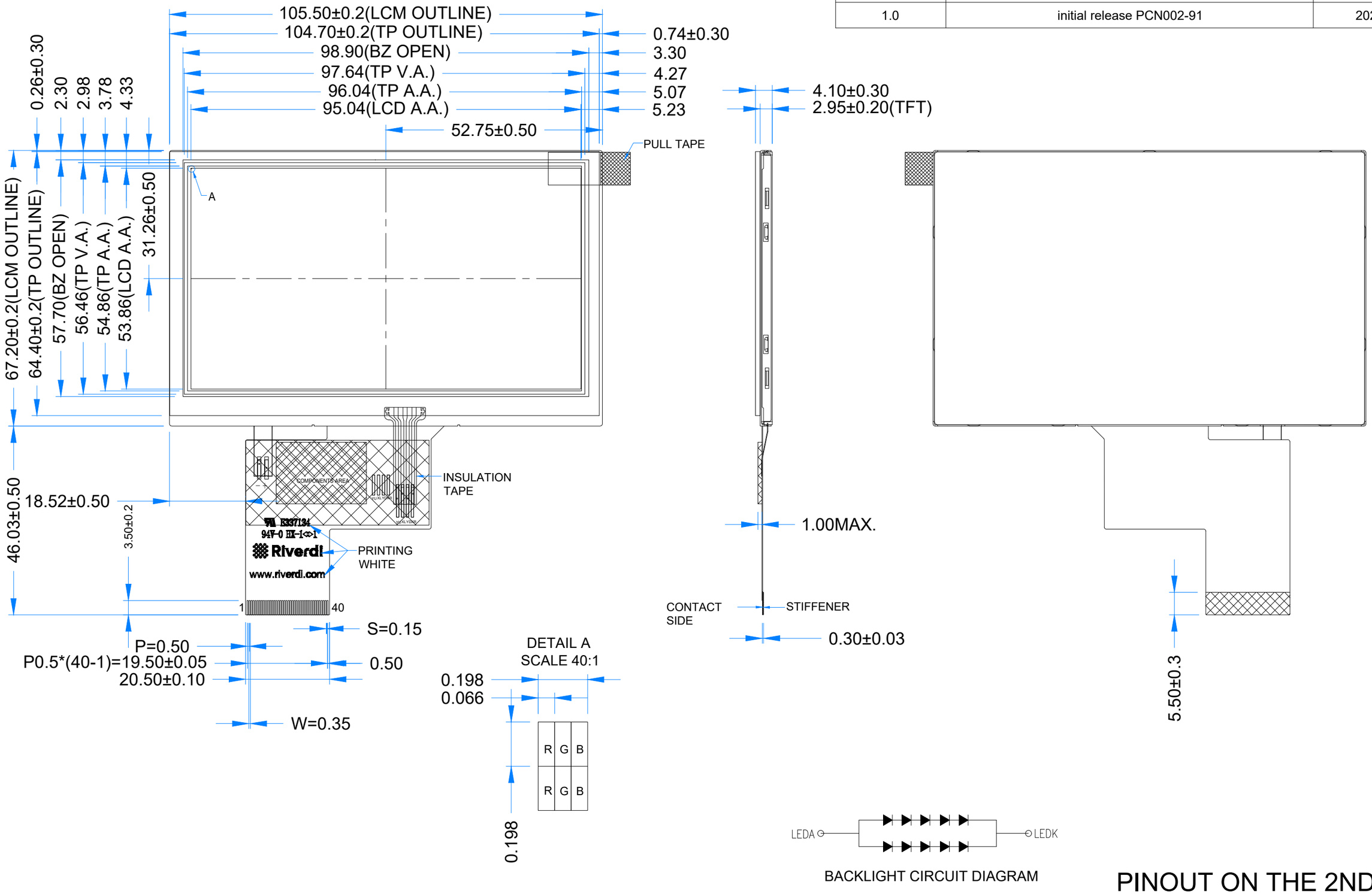
Revision:	Changes:	Date:
1.0	initial release PCN002-91	2026.01.21



BACKLIGHT CIRCUIT DIAGRAM

PINOUT ON THE 2ND PAGE

TFT NOTES:
1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY WHITE
2. RESOLUTION: 480x272
3. VIEWING ANGLE: 12 O'CLOCK
4. DRIVER IC: ST7282-G4-1L
5. LOGIC VOLTAGE: VDD=3.3V (TYP.)
6. SURFACE LUMINANCE: 440 CD/m$^{\wedge 2}$ (TYP.)
7. BACKLIGHT: WHITE LED, If=40mA, Vf=14V~17V

GENERAL NOTES:
1. OPERATING TEMPERATURE: -20°C ~ 70°C
2. STORAGE TEMPERATURE: -30°C ~ 80°C
3. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm
4. RoHS COMPLIANT

PN: RVT4.3A480272TNWR00 V4				Riverdi
SN:				
DRAWN:	M.Stabinski	2026.01.21	1:0.90	
CHECKED:	A.Demko-Karolczuk	2026.01.21	[mm]	
APPR:	M.Wierzbowski	2026.01.21	ISO A3	P. 1 of 1

LCD CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	LEDK	21	B0
2	LEDA	22	B1
3	GND	23	B2
4	VDD	24	B3
5	R0	25	B4
6	R1	26	B5
7	R2	27	B6
8	R3	28	B7
9	R4	29	GND
10	R5	30	PCLK
11	R6	31	DISP
12	R7	32	HSYNC
13	G0	33	VSYNC
14	G1	34	DE
15	G2	35	NC
16	G3	36	GND
17	G4	37	XR
18	G5	38	YD
19	G6	39	XL
20	G7	40	YU