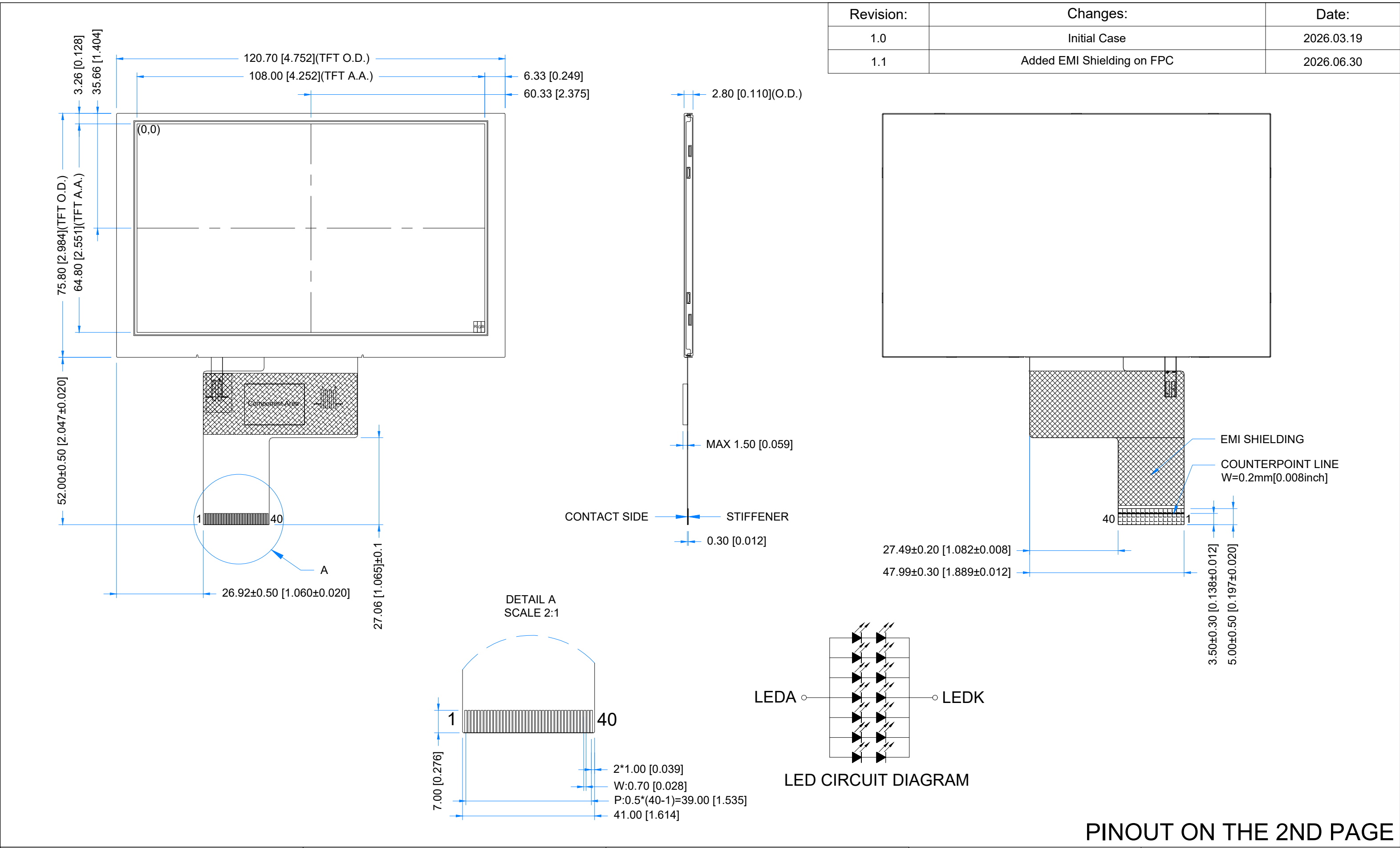




Revision:		Changes:		Date:	
1.0		Initial Case		2026.03.19	
1.1		Added EMI Shielding on FPC		2026.06.30	

TFT NOTES: 1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS 2. RESOLUTION: 800x480 3. VIEWING ANGLE: FREE 4. INTERFACE: RGB 5. IC CONTROLLER: ST7262-G4 6. OPERATING VOLTAGE: 3.3V 7. BACKLIGHT: 14-LED WHITE, Vf=12.0V, If=140mA		GENERAL NOTES: 1. SURFACE LUMINANCE: 1000cd/m ² 2. OPERATING TEMPERATURE: -20°C ~ 70°C 3. STORAGE TEMPERATURE: -30°C ~ 80°C 4. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm 5. RoHS COMPLIANT		PINOUT ON THE 2ND PAGE	
				PN: RVT50HQTNWN00 V2.0A	
				SN:	
DRAWN: M.Stabinski		2026.06.30		1:1.05	
CHECKED: M.Wierzbowski		2026.06.30		[mm]	
APPR: M.Wierzbowski		2026.06.30		ISO A3	
					P. 1 of 1





TFT CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	VLED-	21	B0
2	VLED+	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	DCLK
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	NC
18	G5	38	NC
19	G6	39	NC
20	G7	40	NC