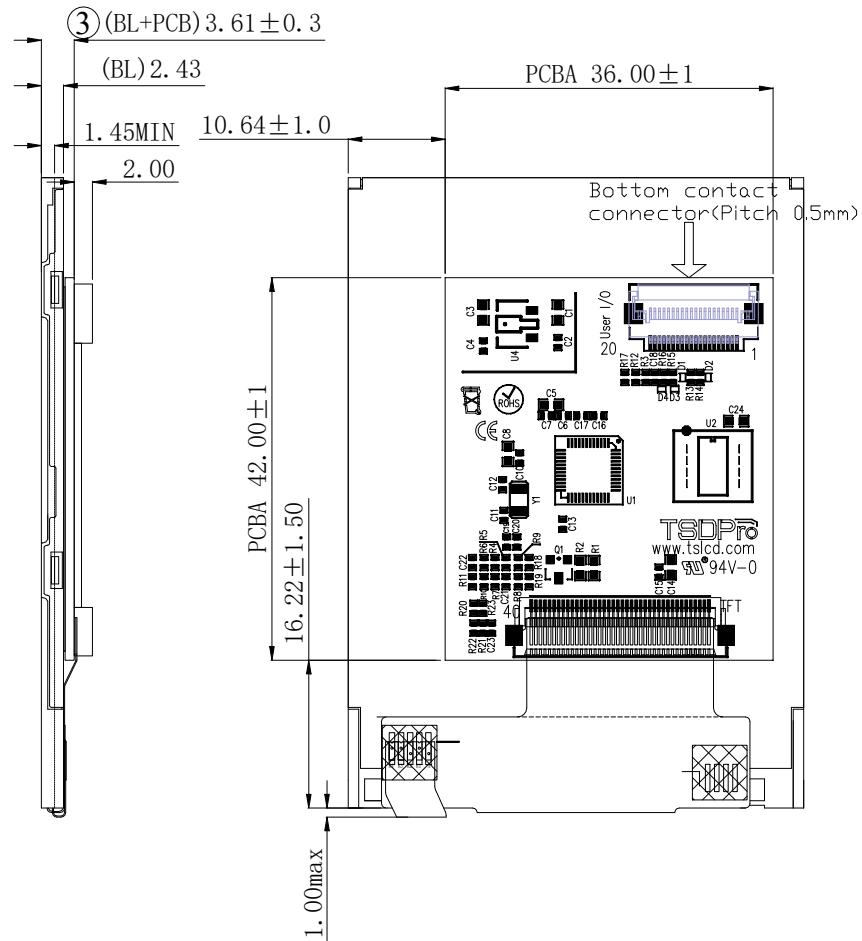


NOTES:

1. GENERAL TOLERANCE: ± 0.2
2. () REFERENCE DIMENSION
3. Important dimension: ①~③



PIN	DESCRIPTION
1	VDD+5V
2	VDD+5V
3	NC
4	GND
5	GND
6	Uart_TXD/NC
7	Uart_RXD/NC
8	GND
9	PA_EN/NC
10	WAV/NC
11	GND
12	USB_DM
13	USB_DP
14	GND
15	GND
16	Uart_TXD
17	Uart_RXD
18	SYS_RST
19	BUSY
20	GND

Features :

1. Use PC software editor UI;
2. USB port update;
3. UART interface, applicable to small microcontrollers with limited resource, such as 8051, AVR, PIC, Z80, ARM and etc.
4. Option: UART can be converted to RS-232, RS-485 or USB serial port.

LCD Type	2.8" TFT, Transmissive Normally White, TN
Resolution	240 (RGB) * 320
View Direction	6 o'clock
LCD driver IC	ST7789V
Color depth	65K
Interface types	Uart
Operating voltage	VDD: +5V; I/O: 3.3V
With TP/Lens	without
Backlight	4 LEDs, 80mA (typ), 3.2V (ref.)
Surface luminance	300 cd/m ² (typ)
Operating temperature	-20°C ~ 70°C
Storage temperature	-30°C ~ 80°C
Color chromaticity	[white] x: ± 0.03 ; y: ± 0.03

版本 (Version)	变更记录 (Revise History)	日期 (Date)
AO	Initial release	2022.04.28

设计 (DESIGN)	Bill
审核 (CHECKED)	Aron
批准 (APPROVED)	Aron
客户承认 (CUSTOMER APPROVAL)	

一 众 显 示

TEAM SOURCE DISPLAY

TITLE: LCM+PCBA	页面 (Page) 1 / 1
Drawing No. ProLCD-T028N01	单位 (Unit) mm
	比例 (SCALE) 1 : 1
	角度 (Angle)