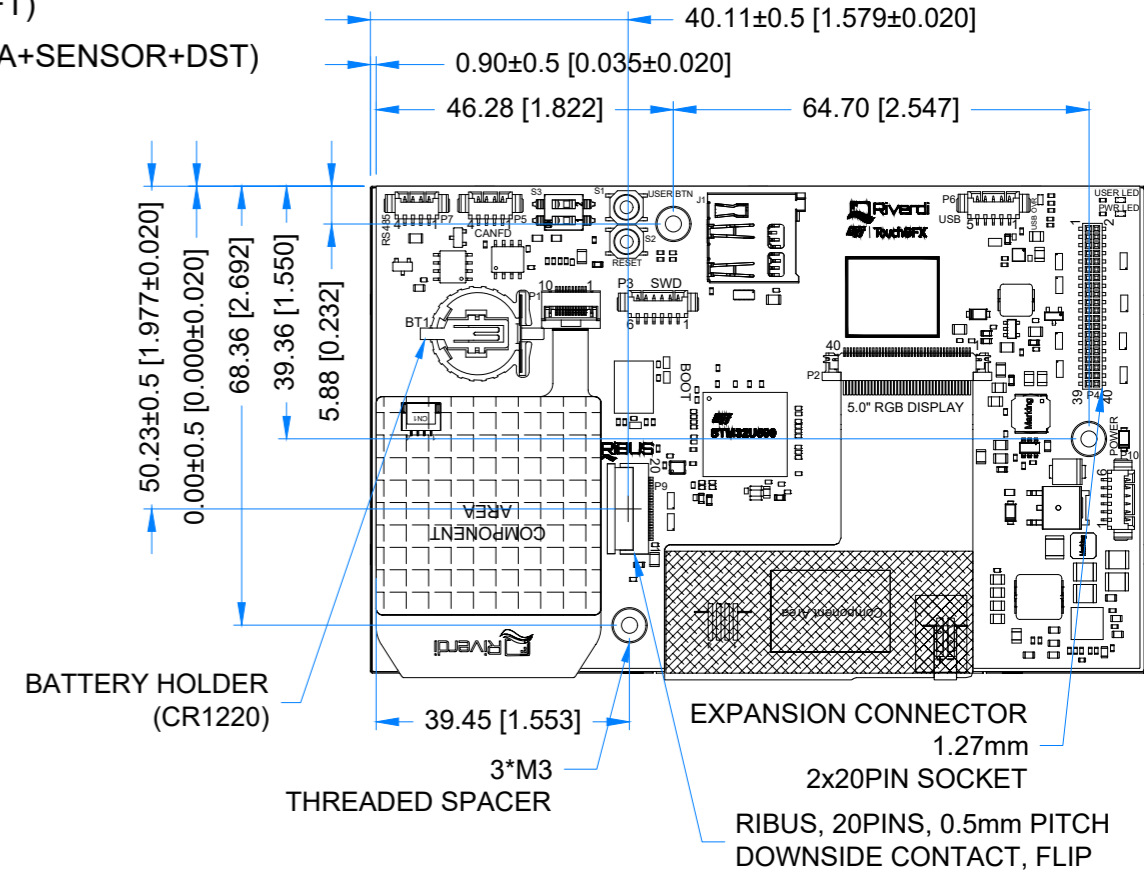
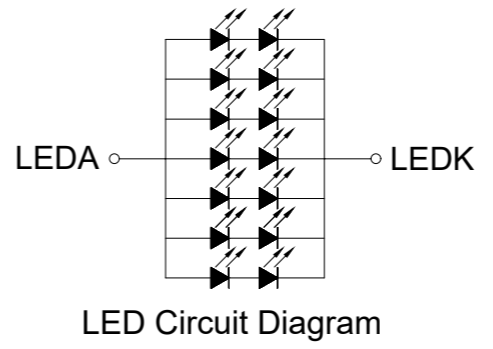
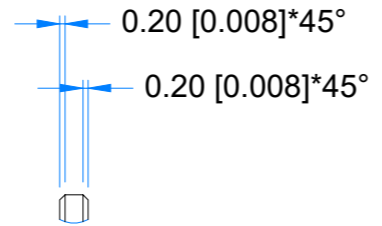


**A**  
 LENS  
 (T=1.1mm[0.043inch])  
 SCA  
 (T=0.2mm[0.008inch])  
 SENSOR  
 (T=0.55mm[0.022inch])  
 DST  
 (T=0.64mm[0.025inch])



DETAIL A  
SCALE 4:1



**1.25 MM MOLEX CONNECTORS**

NO.	TYPE	MATE WITH
P3 (SWD)	53261-0671	51021-0600
P5 (CAN)	53261-0471	51021-0400
P6 (USB)	53261-0571	51021-0500
P7 (RS485)	53261-0471	51021-0400
P10 (POWER)	53261-0671	51021-0600

**1.27MM PIN SOCKET**

NO.	TYPE	MATE WITH
P4	CBC1402M100-2P	CH51402M100-0P OR CH51402V100

**TFT NOTES:**

- DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 800x480
- VIEWING ANGLE: FREE
- SURFACE LUMINANCE: 800 cd/m<sup>2</sup>
- MCU ON THE BOARD: STM32U599NJH6Q OR STM32U5A9NJH6Q IN MASS PRODUCTION
- EXTERNAL FLASH MEMORY SIZE: 512Mbit
- SUPPLY VOLTAGE FOR MODULE: 6.0V - 48.0V

**TP NOTES:**

- TP STRUCTURE: G+G
- CG THICKNESS: 1.10mm[0.043inch]
- SURFACE HARDNESS: 7H
- DRIVER IC: ILI2132A
- INTERFACE: CONNECTED TO MCU VIA I2C

**GENERAL NOTES:**

- AIR BONDING
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
- TOLERANCE OF PCB PLACEMENT: ±0.5mm[0.020inch]
- RoHS3 COMPLIANT

PN: RVT50HQSNWCA0  
 SN:  
 DRAWN: M.Natywa  
 CHECKED: Carol Gao  
 APPR:

