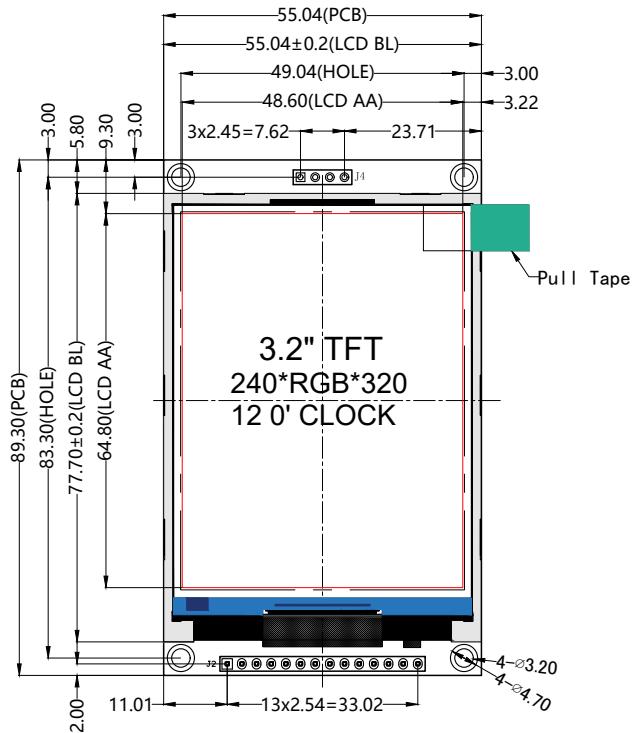


| REVISION | RECORD | Date |
|----------|---------------|------------|
| V1.0 | First release | 2024-04-16 |
| | | |

Front

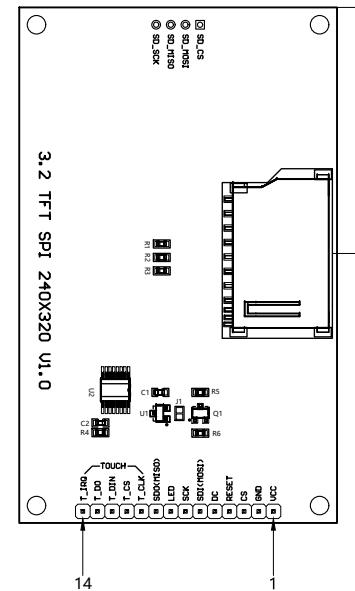


Side

The diagram illustrates a cross-section of an electronic assembly. A vertical stack of components includes a green PCB at the top, followed by a grey component, a black component, and a white component. A yellow square highlights a specific area near the bottom. Dimension lines extend from the top of the assembly to various points, labeled as follows:

- 4.50(Total Thickness excluding Header)
- 1.60(PCB)
- 0.50(LCD Back Tape Thickness)
- 2.40±0.1(LCD(Without Tape))
- 3.00 Max(SMD)
- 5.84
- 8.38
- 11.17(Height of Header)
- 12.88(Total height(include Header))

Back



| No | PIN NAME |
|----|------------|
| 1 | UCC |
| 2 | GND |
| 3 | CS |
| 4 | RESET |
| 5 | DC |
| 6 | SDI(XMOSI) |
| 7 | SCK |
| 8 | LED |
| 9 | SDO(MISO) |
| 10 | T_CLK |
| 11 | T_CS |
| 12 | T_DIN |
| 13 | T_DO |
| 14 | T_IRQ |

NOTES:

1. DISPLAY TYPE: 3.2" TN TFT
 2. VIEWING DIRECTION: 12 O'CLOCK
 3. DRIVE IC: ILI9341V
 4. POLARIZER MODE: TRANSMISSIVE/POSITIVE
 5. RESOLUTION: 240*RGB*320
 6. INTERFACE: SPI_4-Line
 7. UNMARKER TOLERANCE: ± 0.2
 8. OPERATING TEMP: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

| | | | | | | | |
|--------|-------------|------|------|------|---|----------|------------|
| | | | | | | DRG DATE | 2024-04-16 |
| | | | | | | DRAWING | Joan |
| TITLE. | LCM OUTLINE | REV. | UNIT | SIZE |  (3) | CHECK | Green |
| SKU. | MSP3217 | V1.0 | mm | A4 | | APPROVE | Rose |