

# PRODUCT PREVIEW

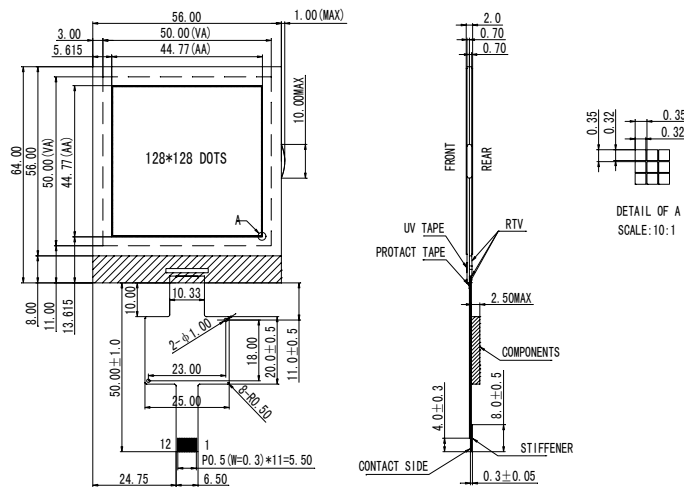
## 128x 128 Monochrome

### SPECIFICATIONS

#### MODULE

|                    |                         |
|--------------------|-------------------------|
| Part Number        | G-12812831G-VA          |
| Format             | 128 Columns by 128 Rows |
| Controller         | N/A                     |
| Overall Dimensions | 56.0mm x 64.0mm x 2.0mm |
| Active Area        | 44.77mm x 44.77mm       |
| Pixel Pitch        | 350um x 350um           |
| Pixel Size         | 320um x 320um           |
| Backlight System   | None                    |
| Driver Attach      | N/A                     |
| Display Type       | R,TF,TM                 |
| Duty               | N/A                     |
| Bias               | N/A                     |

#### 1.0 DIMENSIONAL DRAWING



**Note:**

1. Display Type: STN-Gray, Positive, Transflective
2. Controller: ST7541; VDD:3.3V
3. Operating Temperature: -20°C ~ +70°C
4. Storage Temperature: -30°C ~ +80°C
5. ROHS
6. Unmarked tolerance: ±0.2mm

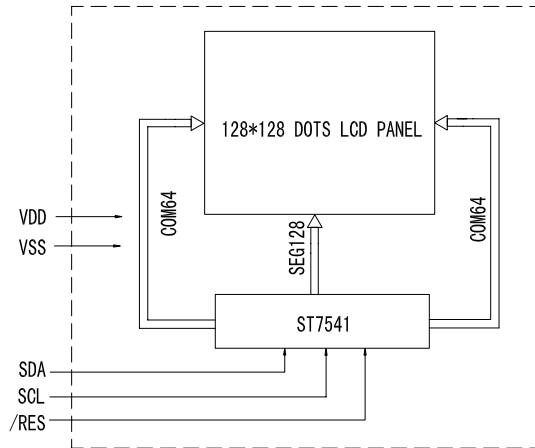
Remark: Display type of the LCM can be customized per request.



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### 2.0 BLOCK DIAGRAM



### 5.0 PIN ASSIGNMENT

| PIN No. | Symbol |
|---------|--------|
| 1-5     | V0-V4  |
| 6       | NC     |
| 7       | VSS    |
| 8       | VDD    |
| 9       | SCL    |
| 10      | SDA    |
| 11      | /RES   |
| 12      | NC     |

