



WINSTAR Display Co.,Ltd.
華凌光電股份有限公司

SPECIFICATION

MODULE NO.: TST0005R0B4111XXXX05

General Specification

1. Feature:

| NO. | Item | Specifications |
|-----|------------|----------------------|
| 1 | Type | Projected Capacitive |
| 2 | Input Mode | Finger |
| 3 | Connecto | COF-IIC |

2. General Specification:

| NO. | Item | Specifications | Unit |
|-----|-------------------|----------------------------|------|
| 1 | Touch Panel Size | 5.0(Diagonal) | inch |
| 2 | Structure | CTP | |
| 3 | View Area | 109.00(H)x65.60(V) | mm |
| 4 | Outline Dimension | 119.70(H)x75.20(V)x1.68(D) | mm |

Interface Pin Function

| Pin No. | Symbol | I/O | Description |
|---------|--------|-----|--|
| 1 | VSS | --- | System ground |
| 2 | VDDT | --- | Power supply |
| 3 | SCL | I/O | I2C clock signal |
| 4 | NC | --- | NC |
| 5 | SDA | I/O | I2C data signal |
| 6 | NC | --- | NC |
| 7 | RST | I | External reset signal, active low |
| 8 | NC | --- | NC |
| 9 | INT | O | Interrupt signal, active low, asserted to request Host start a new transaction |
| 10 | VSS | --- | System ground |

IC Specification

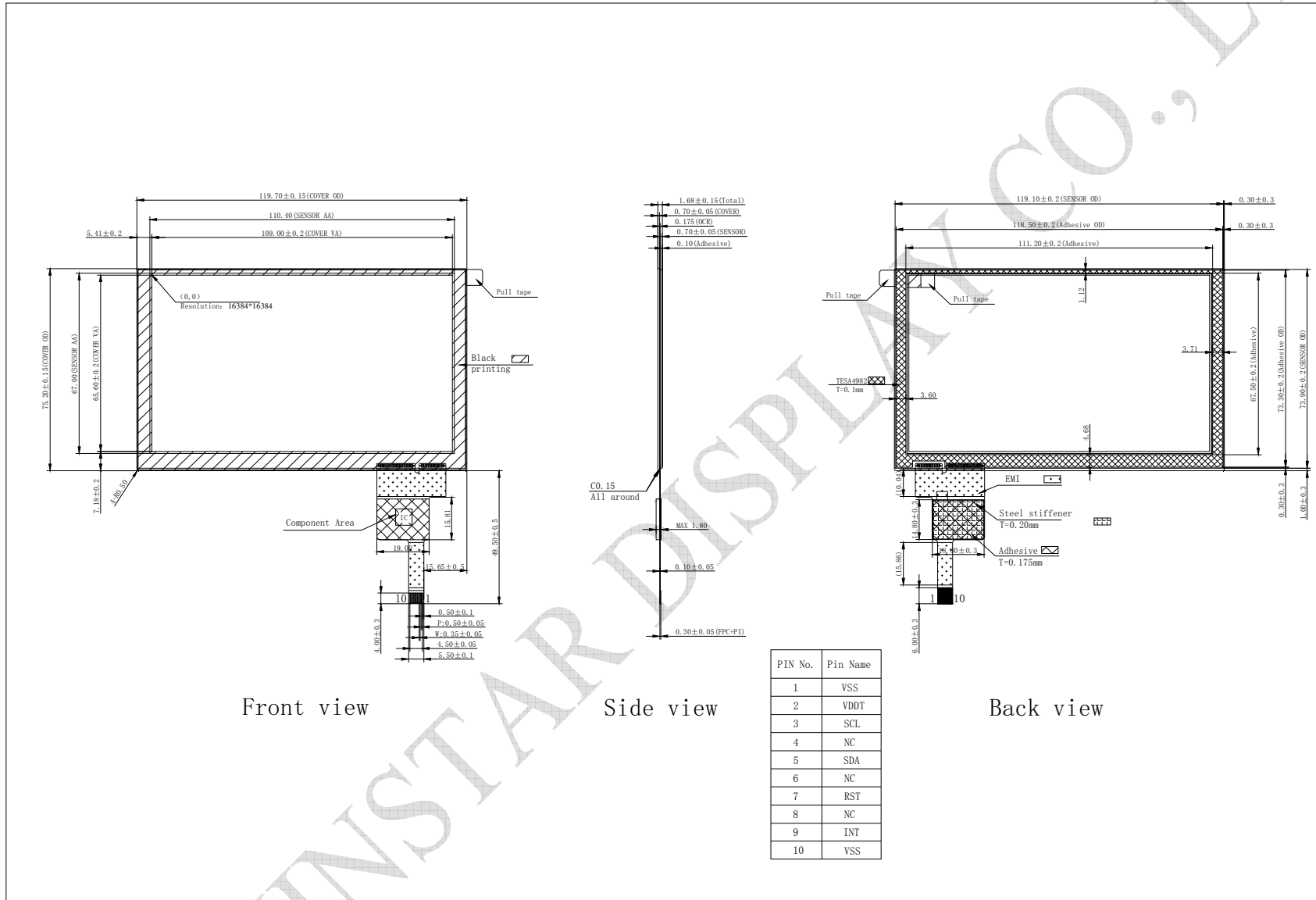
| NO. | Item | Specifications |
|-----|---------------|----------------|
| 1 | Driver IC | ILI2130 |
| 2 | Detect Points | 5 |
| 3 | Interface | I2C |
| 4 | Power Supply | 3.3V |

FW : FN050IGRGXX025A_ILI2130_V01_20210319.hex

Test config:FN050IGRGXX025A_ILI2130_TP_Test_MP.ini

Version: 0X07.0X00.0X00.0X00.0XA1.0X25.0X50.0X00

Contour Drawing



Other

1 Environmental Characteristic

| NO. | Item | Specifications |
|-----|-----------|----------------|
| | | Temperature |
| 1 | Operation | -30~80°C |
| 2 | Storage | -30~80°C |

Note: Testing environment is under normal atmospheric pressure. When the ambient temperature is above 65°C, the humidity is allowed to be below 50%RH

2. Optical characteristics:

| Items | Value |
|--------------|----------|
| Transparency | (Min)85% |