



**WINSTAR Display Co.,Ltd.**  
**華凌光電股份有限公司**



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## SPECIFICATION

**MODULE NO.: TST0007R0G4111XXXX01**

### General Specification

#### 1. Scope :

The purpose of this specification is to define the general provisions and quality requirements that apply to the supply of capacitive-type multi-touch function TOUCH SENSOR MODULE. This document, together with the Module Assembly Drawing, is the highest-level specification for this product. It describes the product, identifies supporting documents and contains specifications.

#### 2. Function :

TOUCH SENSOR MODULE is a capacitive-type that customer uses to compliance with flat panel display like TFT-LCD. Once user touches it by FINGER, the circuitry for this TOUCH SENSOR indicates coordinates point at the contact point.

#### 3. Construction :

Construction	Materials	Comment
Cover Glass	Toughened	Thickness: 0.7 mm $\pm$ 0.05 mm
Optically clear adhesive OCA/LOCA	Adhesive	Thickness =0.175mm $\pm$ 0.05 mm
ITO Glass	ITO glass	Double side ITO glass ; Thickness:0.7 mm $\pm$ 0.05 mm

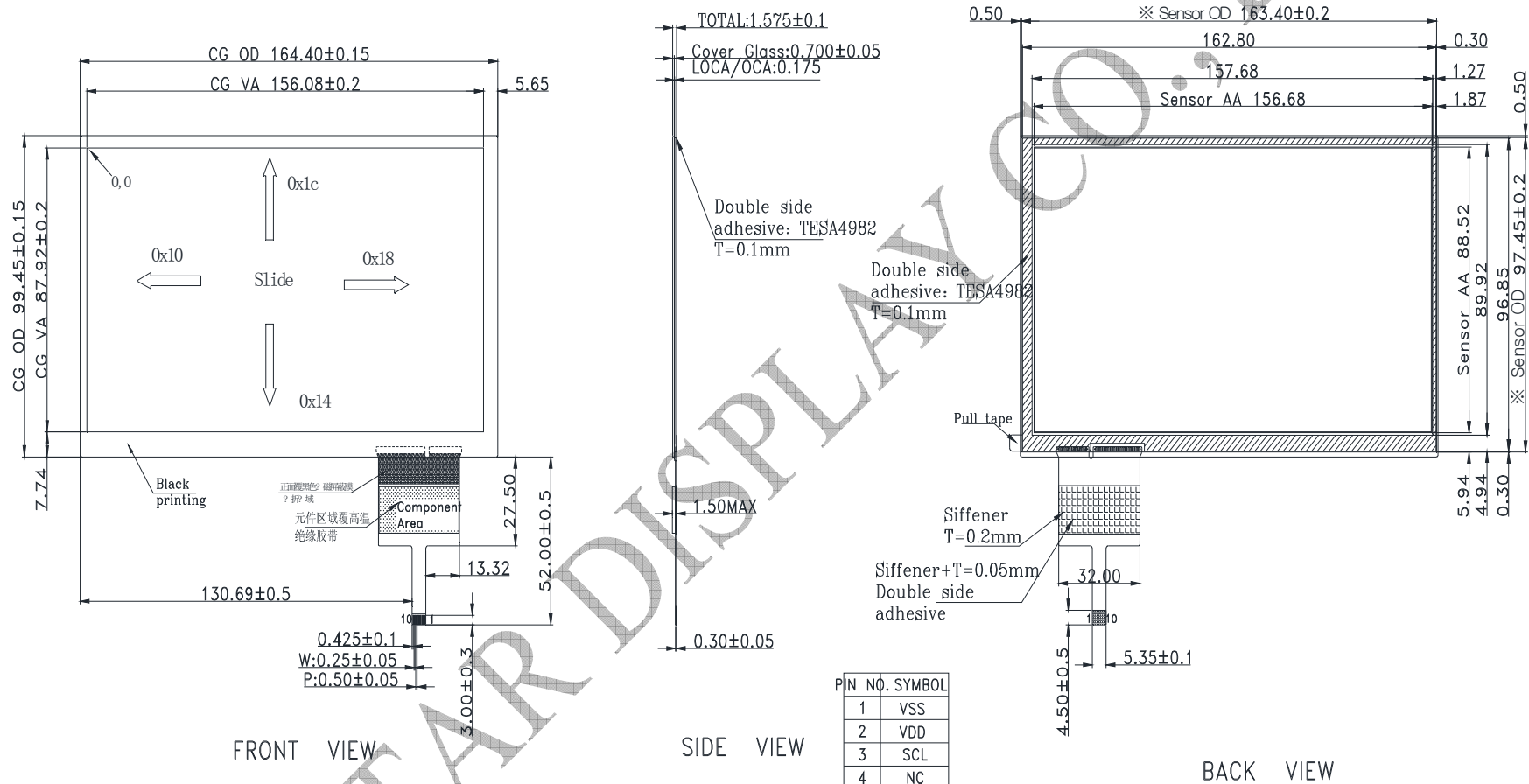
#### 4. Mechanical characteristics:

Item	Description	Unit
Touch module size	7.0	inch
Outline dimension	164.4(W) x 99.45(L)	mm
View Area	156.08(W) x 87.92(L)	mm
Sensor area	156.68(W) x 88.52(L)	mm
Touch Module trace number(Tx*Ty)	20 x 12	
Resolution	1792 x 1024	
Input type	I2C	
Control type	FT5426DQ8	
Firmware Version	0x03	

## Interface Pin Function

PIN No	Symbol	Function
1	VSS	Ground for analog circuit
2	VDD	Power Supply
3	SCL	I2C clock input
4	NC	No connect
5	SDA	I2C data input and output
6	NC	No connect
7	RST	External Reset, Low is active
8	WAKE	External interrupt from the host
9	INT	External interrupt to the host
10	VSS	Ground for analog circuit

# Contour Drawing



PIN NO.	SYMBOL
1	VSS
2	VDD
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	/WAKE
9	/INT
10	VSS