



WINSTAR Display Co.,Ltd.
華凌光電股份有限公司

SPECIFICATION

MODULE NO.: TST0007R0G4111XXXX06

General Specification

1 Construction

Construction	Materials Used	Comment
COVER LENS	GLASS	Thickness : 0.7mm
LOCA	Adhesive	Thickness : 0.2mm
ITO GLASS	ITO GLASS	Thickness : 0.7mm

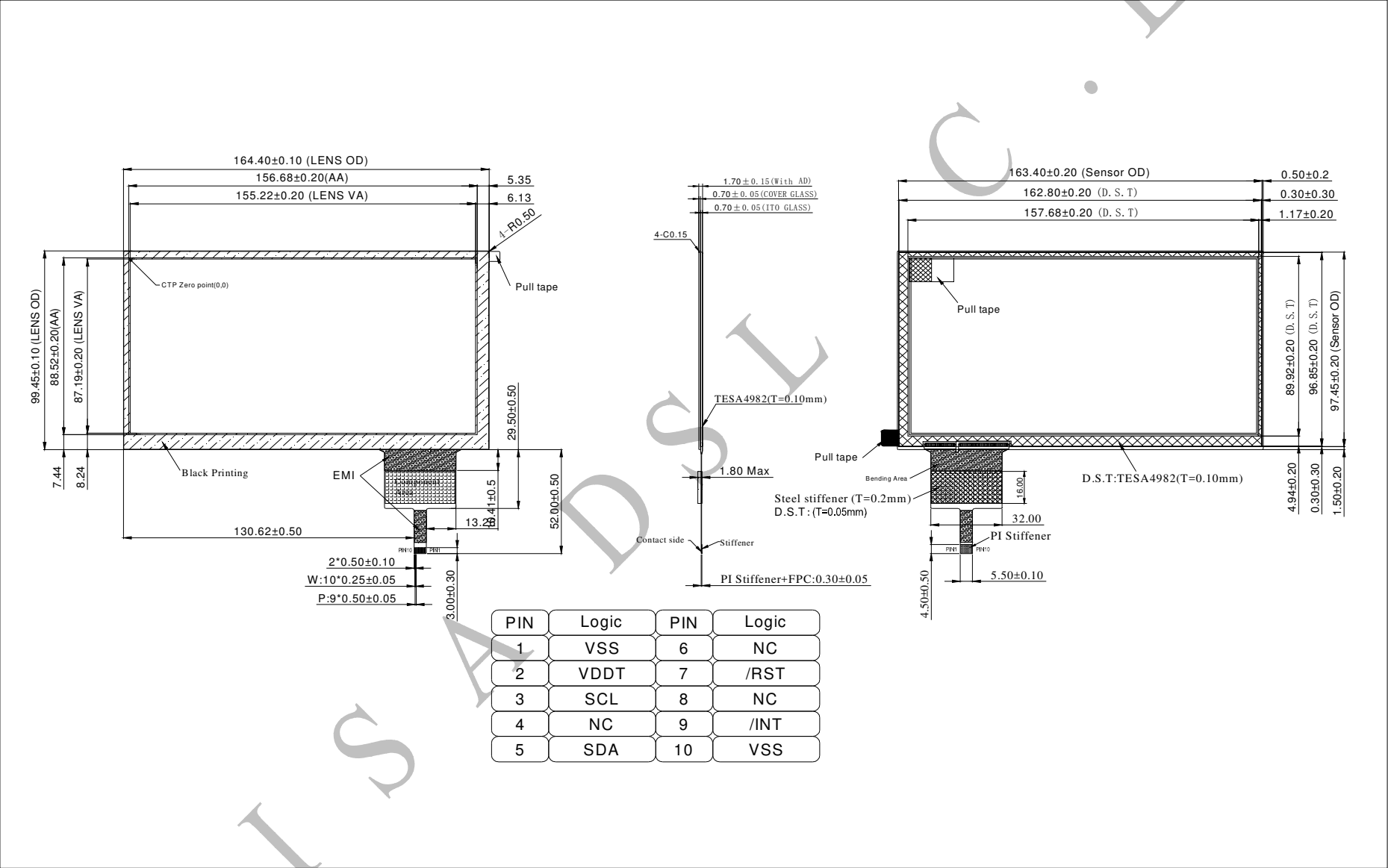
2 Mechanical Characteristics

Item	Description	Unit
Outside Dimension	164.40±0.1*99.45±0.1	mm
View Area	155.22±0.2*87.19±0.2	mm
Active Area	156.68*88.52	mm
Thickness	1.7±0.15 (with AD)	mm
Input Method	Finger	
Hardness Of Surface	Hard Surface : ≥7H	
Accuracy	+/-1mm@10mm	mm
Support Operation	Finger	5 Finger
Channel	15*27	
Interface	I2C	
Supported Operating Systems	Android2.0-4.2Windows	
IC	ILI2130	

Interface Pin Function

PIN No	Symbol	Function
1	VSS	Ground for analog circuit
2	VDDT	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	NC	No connect
9	/INT	External interrupt to the host
10	VSS	Ground for analog circuit

Contour Drawing



Other

1 Electrical Characteristics

Item	Description	Unit
Operating Voltage	3.3V	V
Chatting Times	<5ms	ms
FW	GTG6590A_COE_ILI2130_V659001_210315.hex	
FW Version	0x07.0x00.0x00.0x00.0x65.0x90.0x00.0x01	

2 Optical Characteristics

Item	Description
Total Transmittance	≥85% [JISK7105]