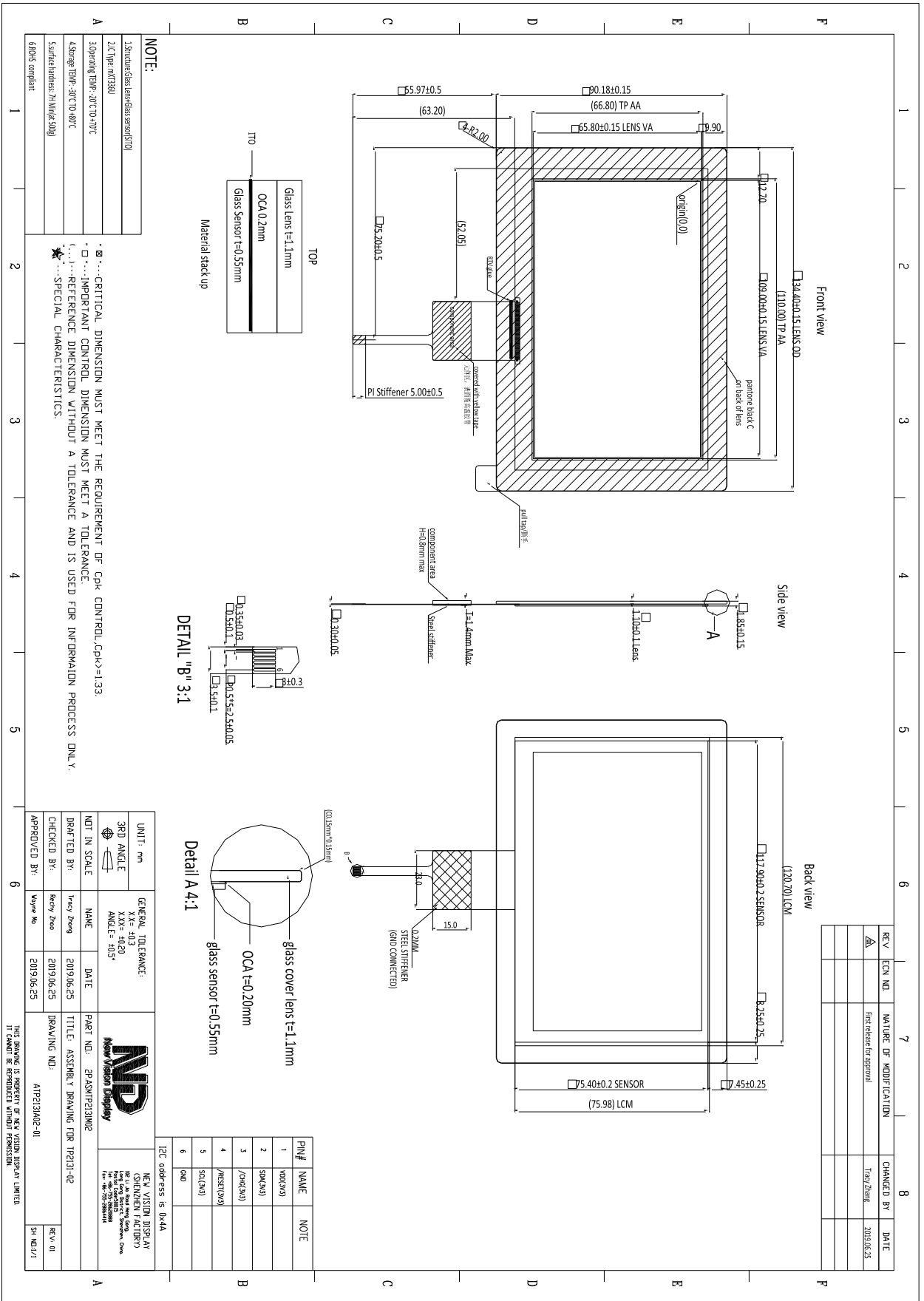


TOCH PANEL SPECIFICATIONS	Projected Capacitive	Glass Substrate	5.0" Diagonal
Part Number	TP2131SA050C-02		
Outline Dimensions of TP sensor	117.90 (W) x 75.40 (H) x 0.55 (D)mm		
Overall Dimensions incl. cover lens	134.40 (W) x 90.18 (H) x 1.85 (D)mm		
Active Area	110.00 (W) x 66.80 (H)		
Input Method	Bare or gloved finger or thick conductive stylus		
Number of simultaneous touches	5		
Min. spacing between two touches	18mm		
Positional Accuracy	±2.5mm at 4 edge and ±1.5mm at centre		
Resolution	800 (H) x 480(V)		
Response Time / Speed	<15ms		
Minimum Touch Area	30mm ²		
Minimum Touch Pressure	0N		
Optical Transmittance	>86%		
Operating temperature	-20°C to +70°C		
Storage temperature	-30°C to +80°C		
Life of touches	>10 million over lifetime		
Surface Hardness	7H		
Anti-glare surface	No		
FPC attachment method	ACF bonding		
FPC bending radius	1mm		
Touch controller IC	ATMXT336U		
Interface to Host	I2C		
I2C Address	0x4A		
Operating Voltage	3.3V		

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