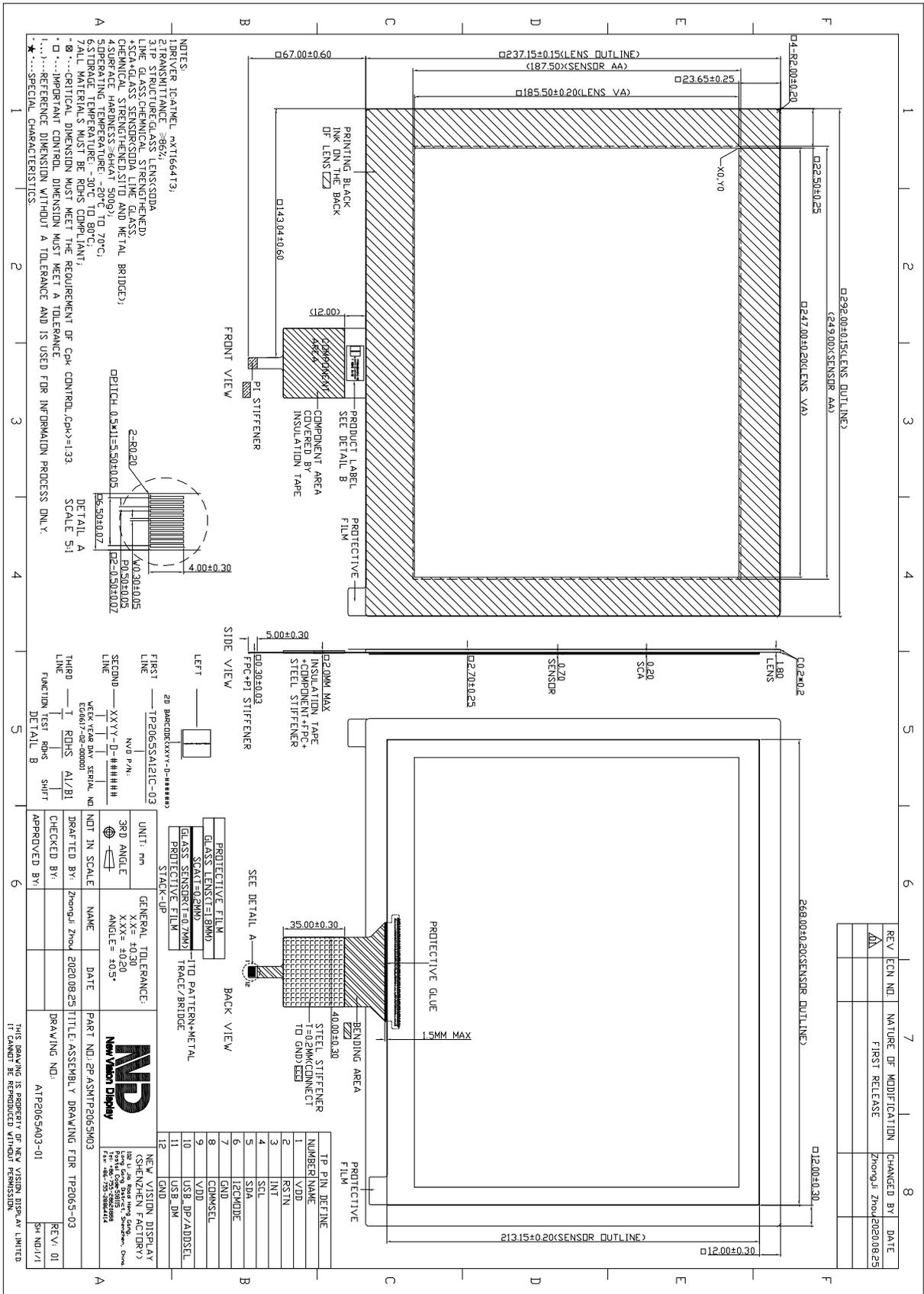


TOUCH PANEL SPECIFICATIONS	Projected Capacitive	Glass Substrate	12.1" Diagonal
Part Number	1P.NVDS- TP2065SA121C-03		
Outline Dimensions of TP sensor	268.00(W x213.15(H) x 0.70(T)mm		
Overall Dimensions incl. cover lens	292.00(W) x 237.15(H) x 2.7(T)mm		
Active Area	249.00(W) x 187.50 (H)mm		
Input Method	Bare or gloved finger or thick conductive stylus		
Number of simultaneous touches	5		
Min. spacing between two touches	18mm		
Positional Accuracy	± 2.5mm		
Resolution	4096x4096		
Response Time / Speed	<15ms		
Minimum Touch Area	30mm ²		
Minimum Touch Pressure	0 N		
Optical Transmittance	≥86%		
ITO resistivity	75Ω/□		
Operating temperature	-20°C to +70°C,35%~70% RH non-condensing		
Storage temperature	-30°C to +80°C,35%~70% RH non-condensing		
Life of touches	>10 million over lifetime		
Surface Hardness	6H		
Anti-glare surface	No		
FPC attachment method	ACF Bonding		
FPC pull-off strength	>50 g/mm		
FPC bending radius	1mm		
Touch controller IC	ATMXT1664T3, Firmware Revision= 2.0.AA		
Interface to Host	I2C or USB		
I2C Address	0x4A		
Operating Voltage	VDD=3.3V		



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