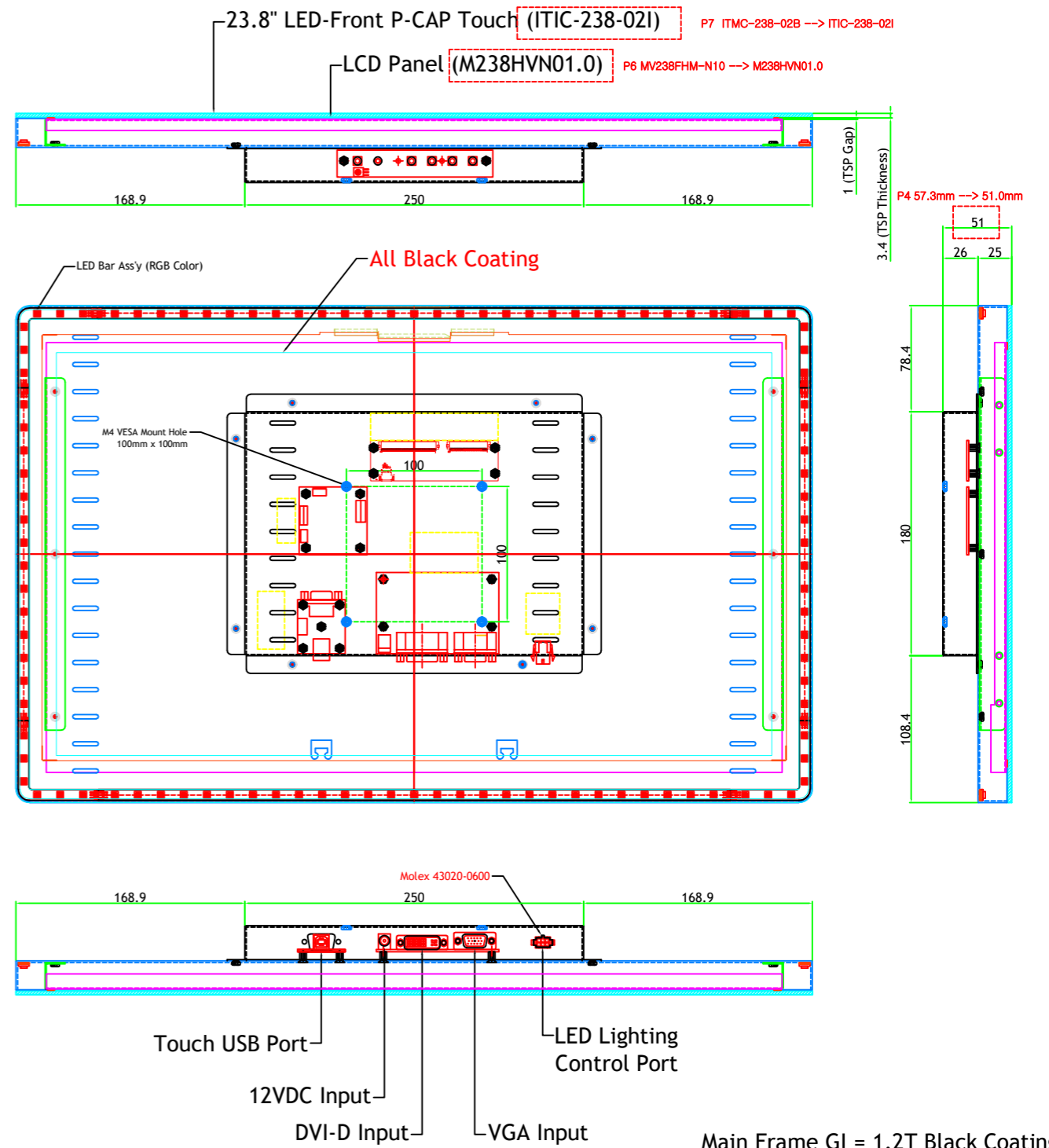
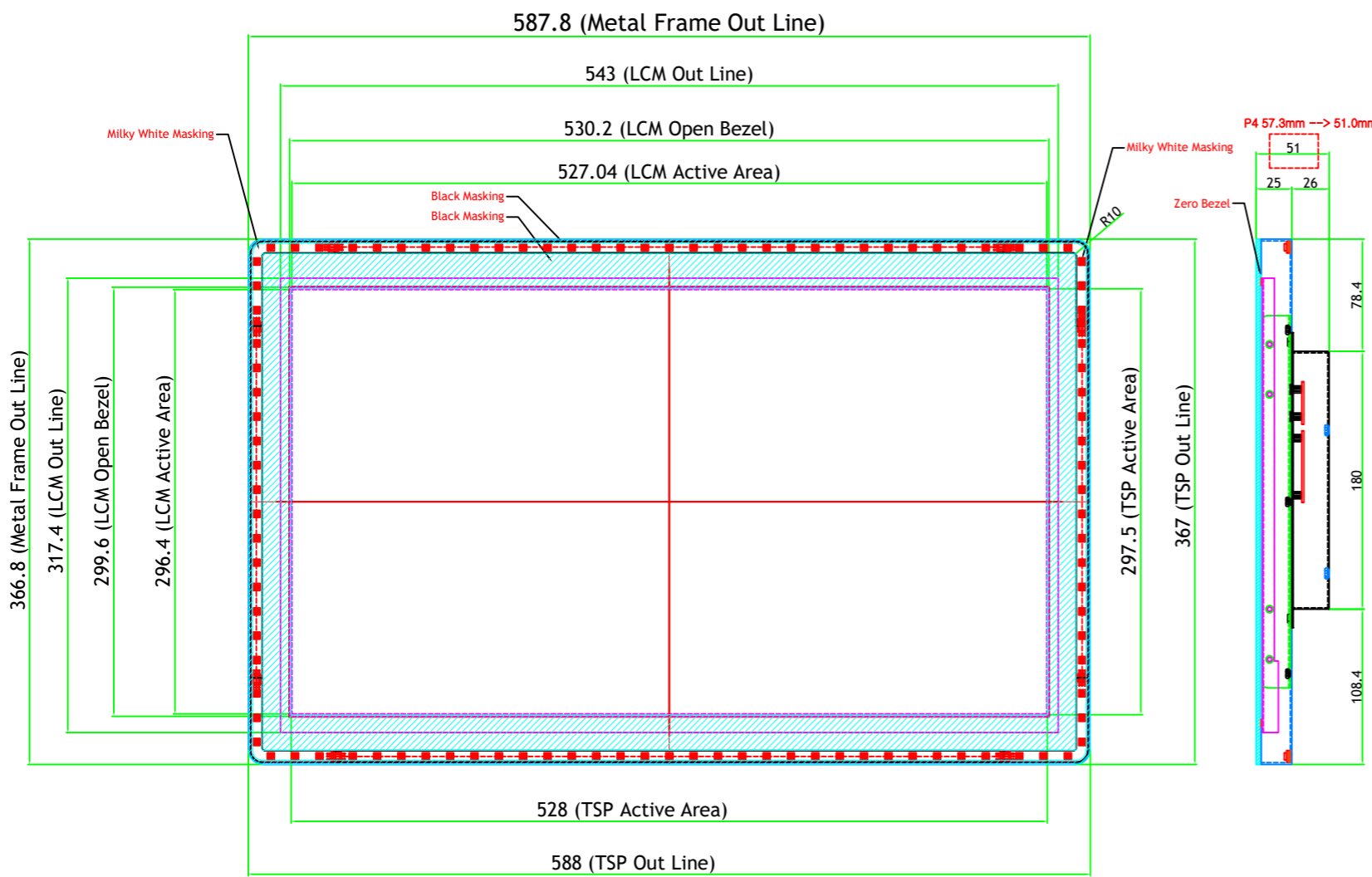


Rev	AMEND	DATE	CHECK	APPR.
P1	Proto	2017.12.08	H.I.Woo	H.Y.Sohn
P2	Changed Model Name INC-2383FHRNIPC-U ---> 150LP2380 Changed LCD Panel LM238WF1-SLK1 ---> MV238FHM-N10	2018.01.02	H.I.Woo	H.Y.Sohn
P3	Changed Main Frame Size H : 591 --> 588mm / V : 370 --> 367mm	2018.02.05	H.I.Woo	H.Y.Sohn
P4	Changed Frame Total thickness 57.3mm --> 51.0mm	2018.05.10	H.I.Woo	H.Y.Sohn
P5	Changed I/O Port Name RGB Input ---> VGA Input	2019.05.28	H.I.Woo	H.Y.Sohn
P6	Changed LCD Panel MV238FHM-N10 ---> M238HVN01.0	2021.06.09	H.I.Woo	H.Y.Sohn
P7	Changed Touchscreen ITMC-238-02B ---> ITIC-238-02I	2021.07.06	H.I.Woo	H.Y.Sohn



LED Lighting Control Port Pin Map (w/o IC)
 #1 : Red , #2 : Green , #3 : Blue
 #4 : VCC 12V , #5 : GND , #6 NC

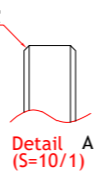
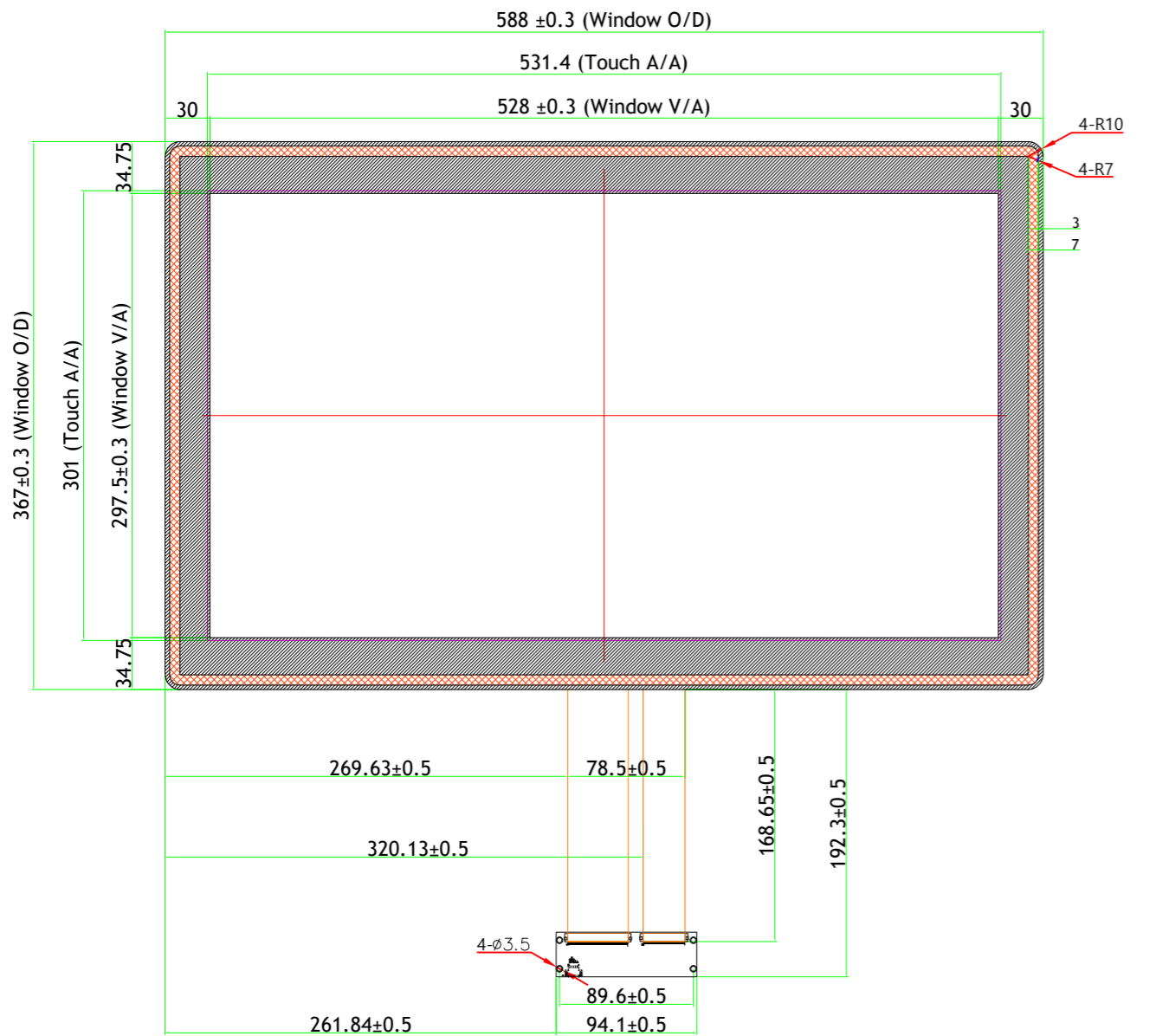
Molex 43020-0600

SUZOHAPP		MODEL NO	150LP2380		VIEW :	UNIT : mm	
		NAME	23.8" Closed Frame		Q'ty	1	REV. P7
DRAWN	CHECKED	APPROVED	DWG. NO	4M2383019-06		SCALE	1 / 1
H.I.Woo		H.Y.Sohn	MATERIAL / FINISH	EGI T=1.2		DATE	2021.07.06

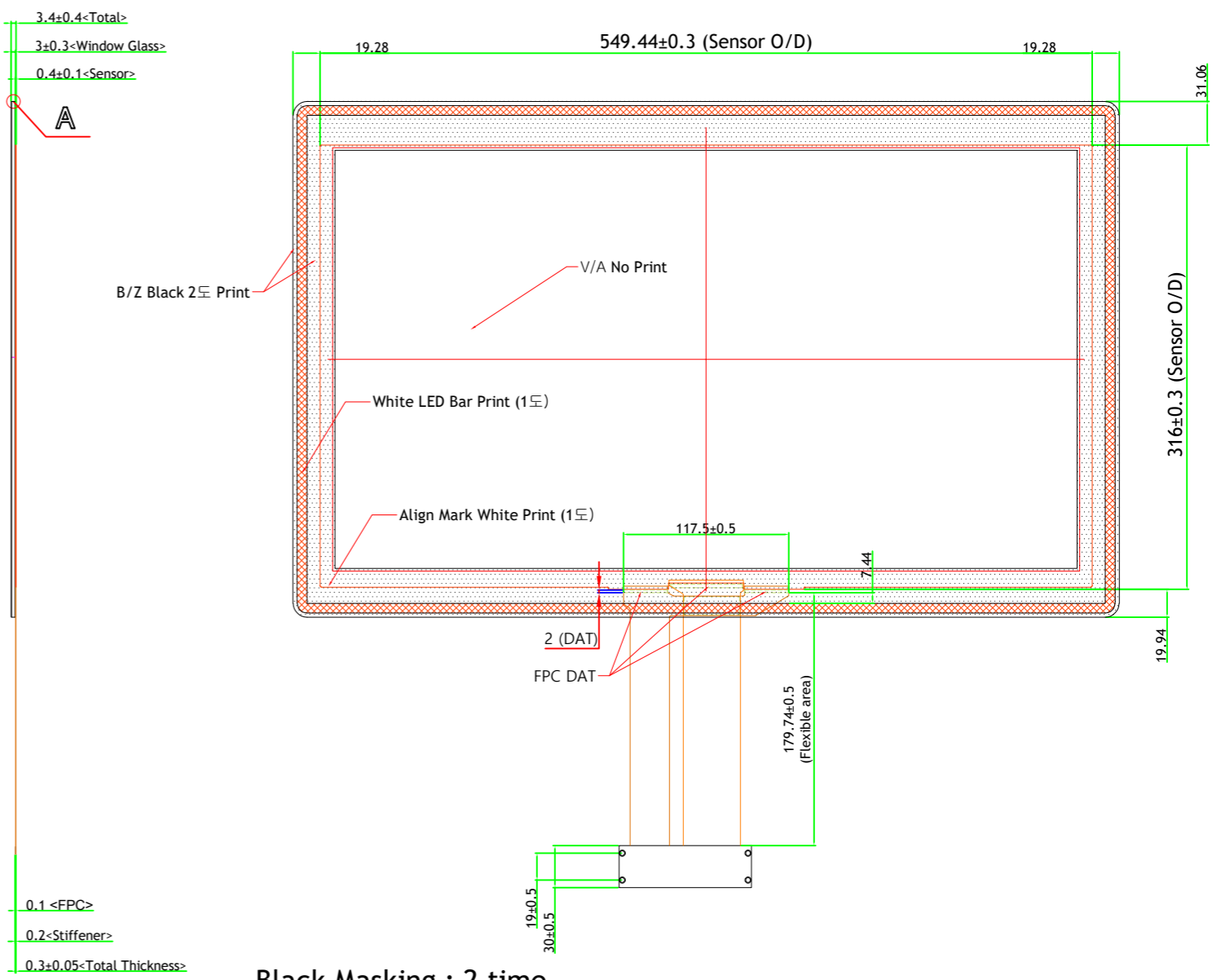
Main Frame GI = 1.2T Black Coating
 Rear Cover GI = 1.0T Black Coating

Rev	AMEND	DATE	CHECK	APPR.
P1	Proto	2017.12.08	H.I.Woo	H.Y.Sohn
P2	Changed Model Name INC-2383FHRNIPC-U ---> 150LP2380 Changed LCD Panel LM238WF1-SLK1 ---> MV238FHM-N10	2018.01.02	H.I.Woo	H.Y.Sohn
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P6	Changed LCD Panel MV238FHM-N10 ---> M238HVN01.0	2021.06.09	H.I.Woo	H.Y.Sohn
P7	Changed Touchscreen ITMC-238-02B ---> ITIC-238-02I	2021.07.06	H.I.Woo	H.Y.Sohn

Front View



Rear View



NOTES

- Type: GFF Capacitive Touch Panel
- Cover Window: Tempered Soda Lime 5.0T
- Touch Performance: 10 Point, 9φ
- Interface : USB
- Window Decoration Color : Black Color Printing
White Bar Printing
Align Mark White color Printing
- Transmittance : 88%±3%
- Surface Hardness : More than 6H
- Control Board : Silicon Works

STACK UP & MATERIAL

Description	Material	Thickness
Cover Window	Tempered Soda Lime	3000um
Top OCA	Optically Clear Adhesive	100um
Top Film	ITO Film (100Ω)	100um
Mid OCA	Optically Clear Adhesive	100um
Bot Film	ITO Film (100Ω)	100um

Total Thickness = 3400um

- Black Masking : 2 time
- Milky White Masking : 2 time
- Touch Align Mark : White 1 time

23.8" LED-Front Lighting Model Touch Glass Drawing

SUZOHAPP		MODEL NO	150LP2380	VIEW :		UNIT : mm
		NAME	23.8" Closed Frame	Q'ty	1	REV. P7
DRAWN	CHECKED	APPROVED	DWG. NO	4M2383019-06	SCALE	1 / 1
H.I.Woo		H.Y.Sohn	MATERIAL / FINISH	EGI T=1.2	DATE	2021.07.06