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 APOLLO DISPLAY
TECHNOLOGIES



 DISTEC



 DISPLAY
TECHNOLOGY



2D Drawing

Distec

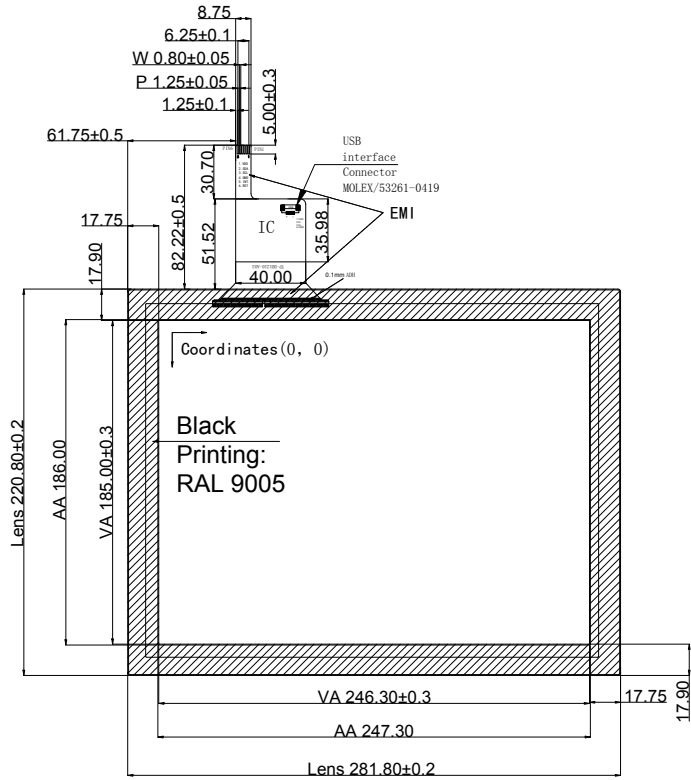
TP-DD1210A03

**12.1" PCAP Touchscreen
COF, I²C and USB Interface**

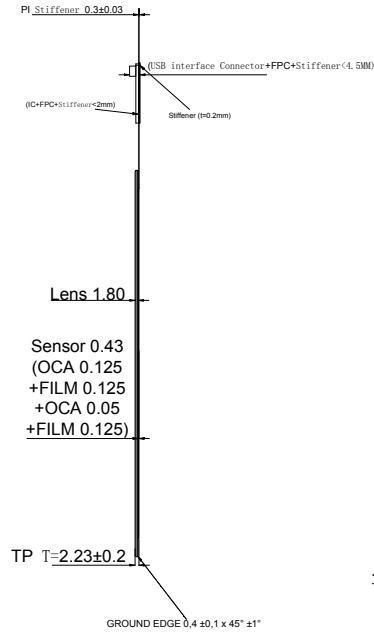
TO-09-147

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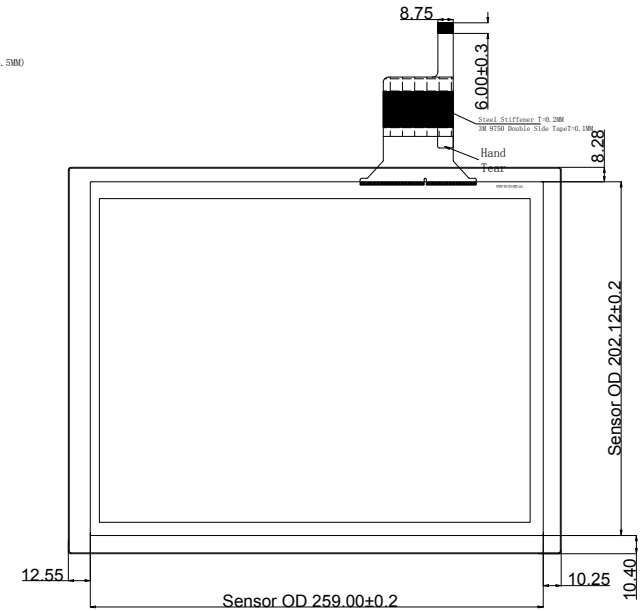
Front View



Side View



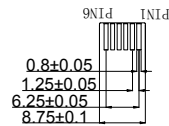
Back View



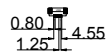
Specification:

1. G+F+F
2. IC: ILI2510
3. Working Voltage : USB:5 V I2C:3.3V
4. Hardness : 6H
5. Transmittance : ≥85%
6. Working Temperature: -30°C~+70°C
7. Working Humidity: 0% to 80%
8. Storage Temperature: -30°C to +80°C
9. Storage Humidity: 0% to 90%
10. Without individual tolerance: ±0.2mm
11. Glass surface: Glare
12. Cover glass: chemically toughened
13. Channels : TX32*RX42 Pitch5.8

I2C Interface



USB interface Connector MOLEX/53261-0419



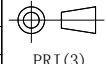
Description:
AA=Active Area
VA=Visual Area
OD=Outer Dimension

USB Interface

1	VDD
2	D-
3	D+
4	GND

I2C Interface

1	VDD
2	SDA
3	SCL
4	GND
5	INT
6	RESET

Unit	mm	 PRJ (3)	<h2>12.1" Projected Capacitive Touchscreen</h2>
Size	A4		
Scale	1:1		
Approved By			Part No.
Check By			TO-09-147
Design By	LRK	2019-07-30	Production Number
			TP-DD1210-A03

DT:

FM:

TO:

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