

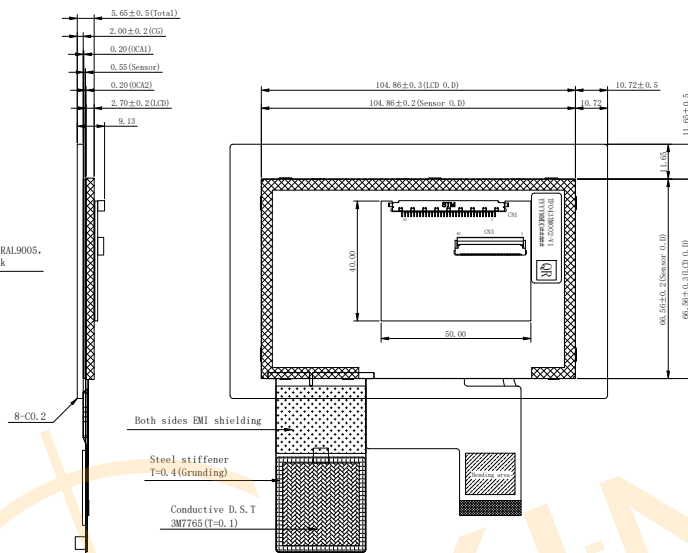
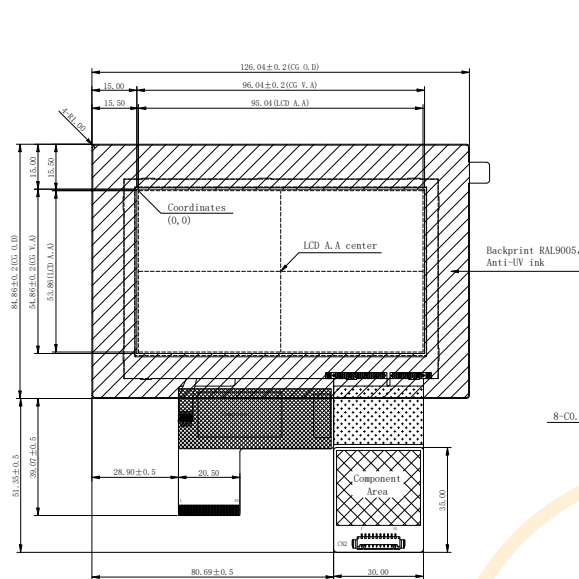
# RoHS

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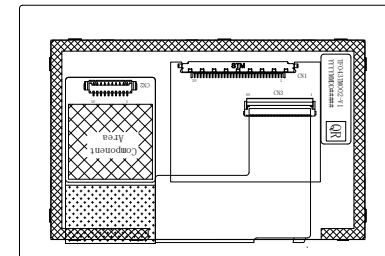
Front view

Side view

Back view



\* Product label  
 QR code:  
 TF050TM015-V1\_YYYYMMDD #####  
 Product No.: TF050TM015-V1  
 Manufacture date: YYYYMMDD  
 Serial number: #####



CN1:  
MSBKT2407P30 (STM)

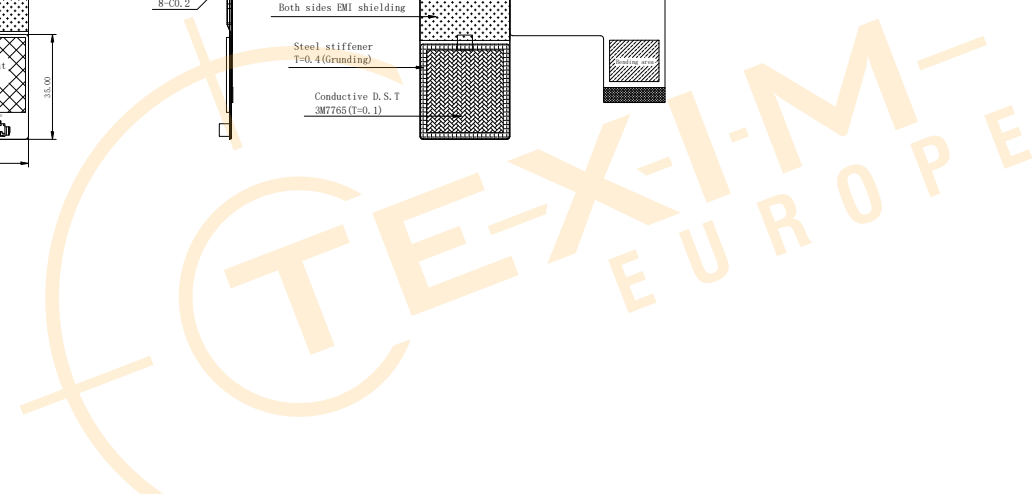
NO.	Symbol
1	VLED
2	VLED
3	VLED
4	NC
5	LED_EN
6	LED_PWM
7	GND
8	NC
9	VDD
10	VDD
11	NC
12	GND
13	R1N0-
14	R1N0+
15	GND
16	R1N1-
17	R1N1+
18	GND
19	R1N2-
20	R1N2+
21	GND
22	RCLK-
23	RCLK+
24	GND
25	R1N3-
26	R1N3+
27	GND
28	NC
29	NC
30	NC

CN2:  
MoLex 53261-1071

NO.	Symbol
1	VCC
2	SDA
3	SCL
4	INT
5	PST
6	GND
7	VBUS
8	D-
9	D+
10	GND E

**General Specification:**

- Structure: G+G+LCD, Optical bonding  
CG: soda-lime glass, Chemical strengthened
- 4.3" IPS TFT-LCD, Transmissive, Normally Black  
Resolution: 800\*(RGB)\*480
- Surface Hardness:  $\geq 6H$
- LCD interface: LVDS
- CTP IC: EXC81W32, TX11\*RX19  
CTP interface: USB or I2C
- LCD Power supply (VDD): 3.3V (Typ)  
Backlight Power supply (VLED): 12V (Typ)  
CTP Power supply: VBUS=5V (USB), VCC=2.8-3.3V (I2C)  
I2C communication voltage: 2.8-3.3V
- Operating Temp.: -30 to 80°C  
Storage Temp.: -30 to 80°C
- Luminance: 540cd/m<sup>2</sup> (min.), 680cd/m<sup>2</sup> (typ)
- General Tolerance:  $\pm 0.2$



				DRAWN	Alex	CTP+LCD	Drawing NO:	
				CHECKED			Product NO:	TF043TM002-V1
				APPROVED				
				Customer No:				
1.0		Preliminary drawing	20231220	3rd Angle				
VER.	SYMBOL	AMENDMENT	DATE	SHEET	1 OF 1			

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Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer’s technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.



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