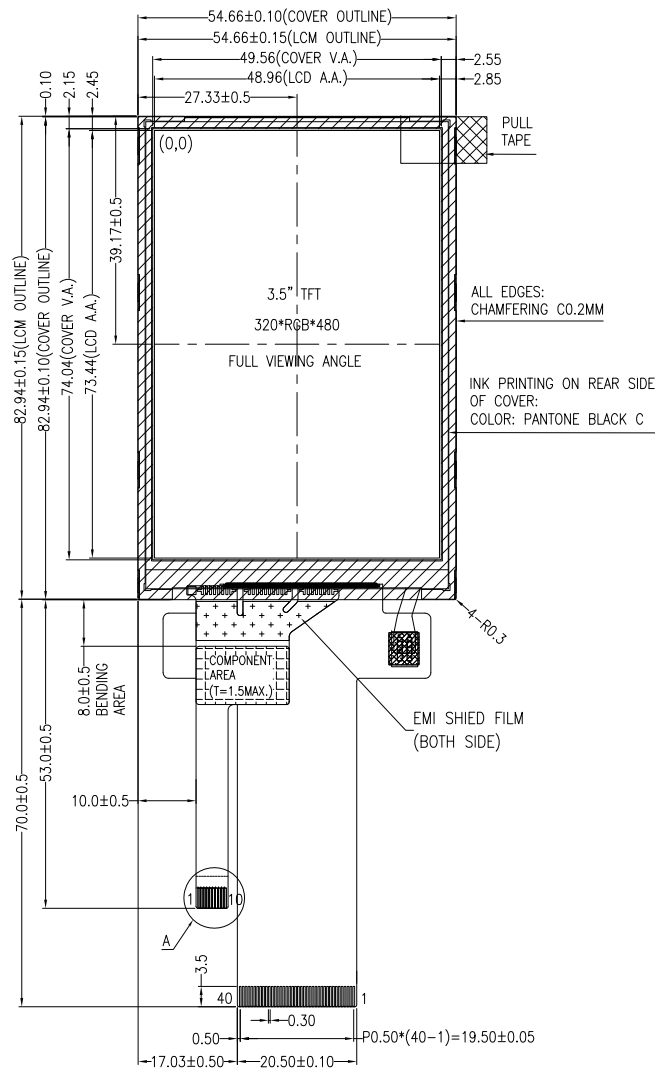


FOR ANY TOUCH PANEL OR OTHER ACCESSORIES ASSEMBLED WITH FRAME GLUE, A PERMANENT AND RELIABLE MECHANICAL STRUCTURE NEEDS TO BE DESIGNED ON CUSTOMER'S WHOLE MACHINE TO HOLD THEM IN PLACE TO AVOID LOOSE.

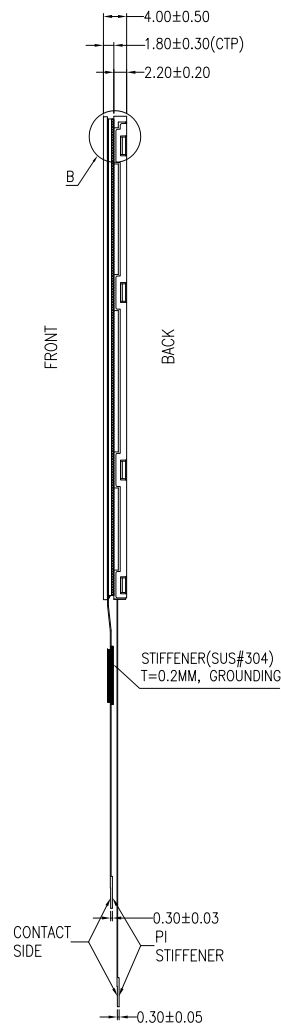


NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VCC=2.8V (TYP.), IOVCC=1.8V/2.8V(TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: ST7796P-G5
5. LED BACKLIGHT: WHITE LED, If=120mA, Vf=2.8V~3.4V
6. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
7. RECOMMEND MATCHING CONNECTOR: HRS FH28-40S-0.5SH OR EQUIVALENT

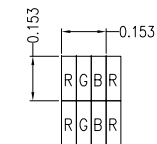
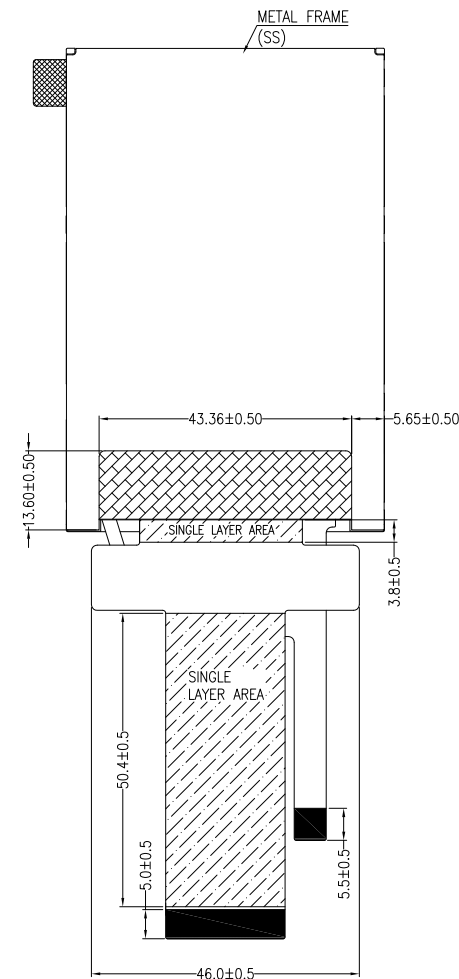
NOTES FOR OTHERS:

1. OPERATING TEMP.: -20°C ~ 70°C
2. STORAGE TEMP.: -30°C ~ 80°C
3. SURFACE LUMINANCE: 340 CD/M² (TYP.)
4. ONLY THE SINGLE LAYER AREA ON FPC IS BENDABLE AND THE MINIMUM BEND RADIUS IS 1.5MM
5. UNMARKED TOLERANCE: ±0.3MM
6. ROHS COMPLIANT

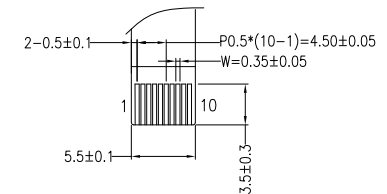


NOTES FOR CTP:

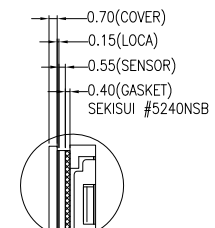
1. 3.5 INCH PROJECTIVE CAPACITIVE TOUCH PANEL
2. COVER GLASS + SENSOR GLASS + FPCA
3. OPERATING VOLTAGE: VDD=2.8V~3.3V
4. DRIVER IC: FT5446DQS-P03
5. INTERFACE: IIC
6. RESOLUTION: 320*480
7. MULTI-FINGER: UP TO 5
8. HARDNESS OF COVER SURFACE: >=6H (750G)
9. RECOMMEND MATCHING CONNECTOR: HRS FH28-10S-0.5SH OR EQUIVALENT
10. FIRMWARE FILE: MI0350CMP-C1(FT5446DQS-P03)_FIRMWARE_V04_20200426_ALL.BIN



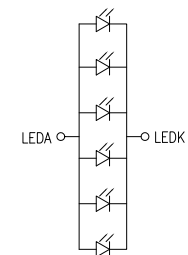
PIXEL DETAIL
(SCALE 50:1)



DETAIL A
(SCALE 2:1)



PIXEL B
(SCALE 2:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCM

PIN	SYMBOL
1	GND
2	I0VCC
3	VCC
4	IMO
5	IM1
6	IM2
7	/RESET
8	DB17
9	DB16
10	DB15
11	DB14
12	DB13
13	DB12
14	DB11
15	DB10
16	DB9
17	DB8
18	DB7
19	DB6
20	DB5
21	DB4
22	DB3
23	DB2
24	DB1
25	DB0
26	GND
27	SDO
28	SDA
29	/RD
30	/WR
31	D/CX
32	/CS
33	TE
34	LEDA
35	LEDK
36	GND
37	NC
38	NC
39	NC
40	GND

PIN ASSIGNMENT FOR CTP

PIN	SYMBOL
1	VSS
2	VDD
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	NC
9	/INT
10	VSS

 MULTI-INNO TECHNOLOGY CO., LTD.					
DRAWN BY:		RITA	2024.09.15		MODULE P/N:
CHECKED BY:				SCALE : 1/1	MI0350BKT-4CP
15	APPROVED BY:			UNIT: mm	DESCRIPTION:
	VERSION NO:		01	SHEET NO: 1/1	TFT + CTP MODULE