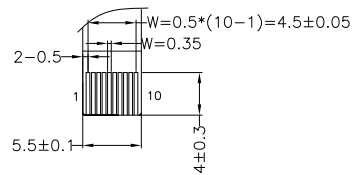
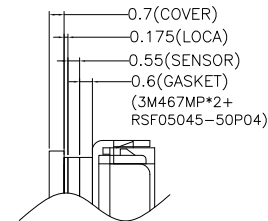


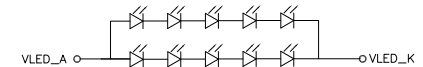
DETAIL A
(SCALE 4:1)



DETAIL B
(SCALE 2:1)



DETAIL C
(SCALE 4:1)



BACKLIGHT CIRCUIT DIAGRAM

PIN ASSIGNMENT FOR LCD

PIN	SYMBOL
1	VLED_K
2	VLED_A
3	GND
4	VDD
5	RO
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	DCLK
31	DISP
32	HSYNC
33	VSYNC
34	DE
35	NC
36	GND
37	NC(XR)
38	NC(YD)
39	NC(XL)
40	NC(YU)

PIN ASSIGNMENT FOR CTP

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

NOTES FOR TFT:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY WHITE.
2. OPERATING VOLTAGE: VDD=3.3V.
3. VIEWING DIRECTION: 6 O'CLOCK.
4. IC DRIVER: ST7282T2.
5. LED BACKLIGHT: 10-CHIP WHITE LED, If=40mA, Vf=16V.
6. TREATMENT OF TOP SURFACE: ANTI-GLARE.

NOTES FOR CTP:

1. 4.3 INCH PROJECTIVE CAPACITIVE TOUCH PANEL.
2. OPERATING VOLTAGE: VDD=3.3V.
3. COVER GLASS + SENSOR GLASS + FPCA.
4. RESOLUTION: 480 X 272 DOTS.
5. IC DRIVER: FT5446-PO3 (SMT).
6. MULTI FINGER: UP TO 5.
7. HARDNESS OF COVER SURFACE: 7H.

OTHERS:

1. OPERATING TEMP: -20°C ~ 70°C.
2. STORAGE TEMP: -30°C ~ 80°C.
3. SURFACE LUMINANCE: 380CD/M²(TYP.) (WITH CTP).
4. GENERAL TOLERANCE: ±0.2mm.
5. RoHS COMPLIANT.

MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY:	RITA	2016.09.27		MODULE P/N:
CHECKED BY:			SCALE : 1/1	MI0430K2T-1CP4
APPROVED BY:			UNIT: mm	DESCRIPTION:
VERSION NO:	02		SHEET NO.: 1/1	TFT + CTP MODULE

VER.	REVISED DESCRIPTION	REVISOR	DATE
02	UPDATE THE IC DRIVER OF CTP FROM FT5446DQS TO FT5446-PO3.	RITA	2020.05.27
01	FIRST ISSUE	RITA	2016.09.27