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.

190.53(LCM OUTLINE)
9.18   176.91±0.50(BLACK TAPE WINDOW)
9.98   175.31(LCD V.A.)
10.48   174.31(LCD A.A.)
97.64±0.50
(0,0)

3.87
3.37
2.57

136.82

143.32±0.50

13.0" TFT

1200*(RGB)*1920

FULL VIEWING DIRECTION

2
24
20

278.9(LCD A.A.)
279.9(LCD V.A.)
282±0.50(BLACK TAPE WINDOW)
291.62(LCM OUTLINE)

CN2:
JST BHSR-02VS-01
OR EQUIVALENT

(1199,1919)

110±10

8.6±0.30
5.2
1.3

Ø4.3±0.10
Ø8±0.10

127.14±0.2

254.27±0.20

7.8 MAX.
COMPONENT AREA

0.14526
0.14526

RGBR
RGBR

PIXEL DETAIL
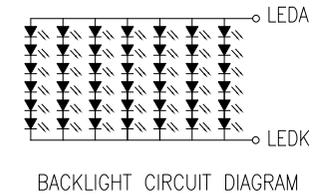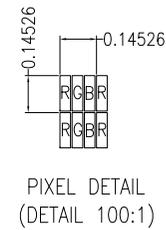(DETAIL 100:1)

LEDA

LEDK

BACKLIGHT CIRCUIT DIAGRAM

NOTES:

1. DISPLAY TYPE: TFT, TRANSMISSIVE, NORMALLY BLACK
2. OPERATING VOLTAGE: VDD=2.8V (TYP.), IOVDD=1.8V (TYP.)
3. VIEWING DIRECTION: FULL VIEWING ANGLE
4. DRIVER IC: FT8201P OR EQUIVALENT
5. OPERATING TEMP: -20°C ~ 70°C
6. STORAGE TEMP: -30°C ~ 80°C
7. BACKLIGHT TYPE: WHITE LED, IF=350MA, VF=16.8V~20.4V
8. SURFACE LUMINANCE: 900CD/M^2 (TYP.)
9. TOP POLARIZER SURFACE TREATMENT: ANTI-GLARE
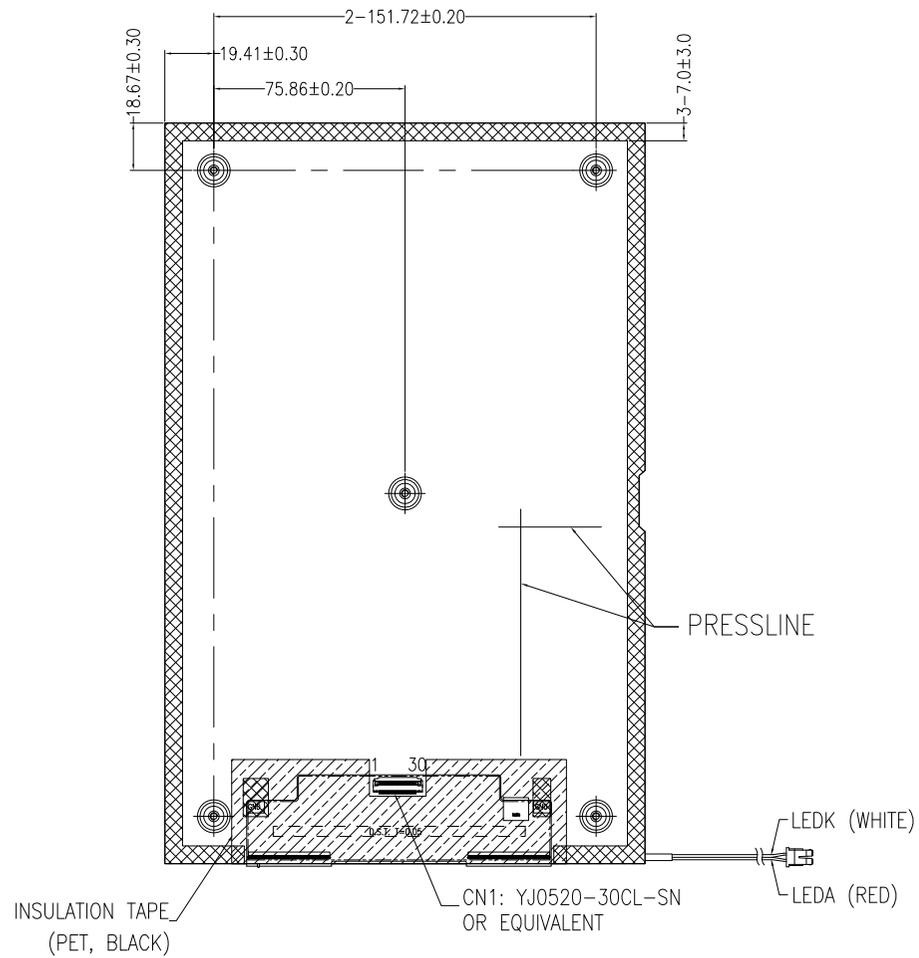10. UNMARKED TOLERANCE: ±0.5MM
11. ROHS COMPLIANT

MLT	MULTI-INNO TECHNOLOGY CO., LTD.			
DRAWN BY:	RITA	⊕ ⊏	MODULE P/N:	
CHECKED BY:		SCALE : 1/1	MI1300AT-2CP	
01	FIRST ISSUE	RITA	2025.07.02	APPROVED BY:	UNIT: mm	DESCRIPTION:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO: 01	SHEET NO: 1/2	TFT MODULE

PRESSLINE

LEDK (WHITE)

LEDA (RED)

INSULATION TAPE
(PET, BLACK)

CN1: YJ0520-30CL-SN
OR EQUIVALENT

Dimensions: 2-151.72±0.20, 19.41±0.30, 18.67±0.30, 75.86±0.20, 3-7.0±3.0

MULTI-INNO TECHNOLOGY CO., LTD.

DRAWN BY:	RITA		MODULE P/N:
CHECKED BY:		SCALE : 1/1	MI1300AT-2CP
01	FIRST ISSUE	RITA	2025.07.02	APPROVED BY:	UNIT: mm	DESCRIPTION:
VER.	REVISED DESCRIPTION	REVISER	DATE	VERSION NO: 01	SHEET NO: 2/2	TFT MODULE