

A B C D E F G H I J K L M N

REV	DC/EC NUMBER	DESCRIPTION	DATE

TOP VIEW

Dimensions: 48.76±0.2, 56.76±0.3 AO, 3.0±0.3, 4-0.80, 4-0.80, 48.76±0.2, 48.76±0.3 AO, 10.07±0.3, 17.51±0.3, 38.30±0.3, 3.0±0.3, 4-0.80.

Internal labels: SCAN, 2.4" TFT, 240XRGB K 320dots, VIEWING DIRECTION 12:00.

SIDE VIEW

Dimensions: 2.15±0.2, 4-1.00.

BOTTOM VIEW

Labels: DOUBLE TAPE TESA4972CT=0.05mm, 11.10, 10.50±0.1, P0.5(20-1)=9.50±0.1, 10.50±0.1, 3.0±0.3.

FPC bending diagram

LED CIRCUIT

VF=2.8~3.4V, IF=4*20mA

NOTES:

- 1.DISPLAY MODE : TFT 2.4", 262K Color LCD
- 2.DRIVE IC : ST7789V
- 3.OPTIMAL VIEW DIRECTION: 12 O'CLOCK
- 4.BACKLIGHT:4 CHIP-WHITE LED
- 5.Brightness:500cd/m2 typ.
- 6.OPERATING TEMPERATURE: -10° C TO 60° C
STORAGE TEMPERATURE: -20° C TO 70° C
- 7.Products conform to ROHS standard.
- 8.GENERAL TOLERANCE : ±0.2mm.

Pin Description:

PIN	Symbol
1	GND
2	VCC
3	RESET
4	CS
5	RS
6	WR
7	RD
8	D8
9	D9
10	D10
11	D11
12	D12
13	D13
14	D14
15	D15
16	LEDK
17	NC
18	NC
19	NC
20	NC

CONTROL DIMENSION:				XINSUN DISPLAY INTEGRATION	
REFERENCE DIMENSION:		()			
APPROVED:	JOSB			DESIGN NAME:	XFO24QV07A-TSHL
CHECKED:	ERIC			UNIT:	mm
DESIGNED:	ISSCA			SCALE:	1:1
				PAGE:	1/1

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[illegible]

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LED CIRCUIT

V_F=2.8~3.4V, I_F=4*20mA

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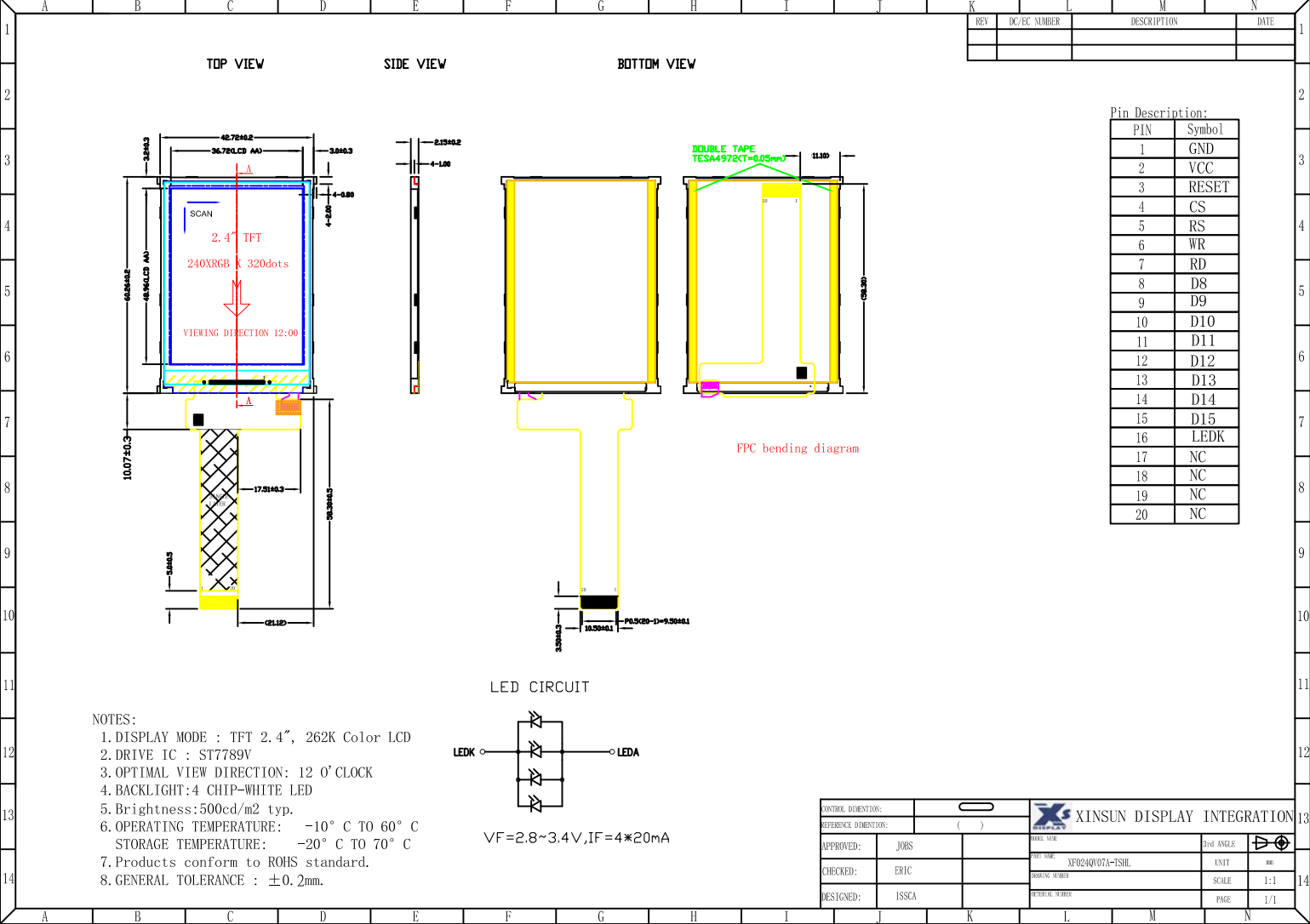
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APPROVED:	JOSB			DESIGN NAME:	XF024QV07A-TSHL
CHECKED:	ERIC			UNIT:	mm
DESIGNED:	ISSCA			SCALE:	1:1
				PAGE:	1/1

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J K L M N

REV	DC/EC NUMBER	DESCRIPTION	DATE

TOP VIEW SIDE VIEW BOTTOM VIEW

42.74±0.2
56.75±0.3 AO
3.0±0.3
4-0.80
4-0.80
42.74±0.2
48.96±0.3 AO
2.4" TFT
240XRGB K 320dots
VIEWING DIRECTION 12:00
1007±0.3
17.51±0.3
38.30±0.3
5.0±0.5
11.10
DOUBLE TAPE
TESA4972CT=0.05mm
FPC bending diagram
LED CIRCUT
VF=2.8~3.4V, IF=4*20mA

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5. Brightness: 500cd/m2 typ.
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10	D10
11	D11
12	D12
13	D13
14	D14
15	D15
16	LEDK
17	NC
18	NC
19	NC
20	NC

CONTROL ORIENTATION:
REFERENCE ORIENTATION:

APPROVED: JOBS
CHECKED: ERIC
DESIGNED: ISSCA

UNIT: mm
SCALE: 1:1
PAGE: 1/1

XINSUN DISPLAY INTEGRATION

MODEL NO: XFO24QV07A-TSHL
DATE: 2023.08.01
DRAWING NUMBER: XFO24QV07A-TSHL
REVISION: 1/1

1 2 3 4 5 6 7 8 9 10 11 12 13 14

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CONTROL ORIENTATION:
REFERENCE ORIENTATION:

APPROVED: JOBS
CHECKED: ERIC
DESIGNED: ISSCA

UNIT
SCALE
PAGE

XINSUN DISPLAY INTEGRATION
XINSUN
UNIT
SCALE
PAGE

1 2 3 4 5 6 7 8 9 10 11 12 13 14