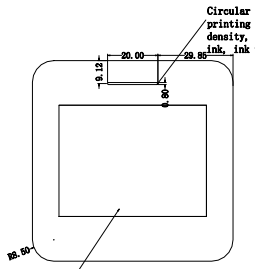
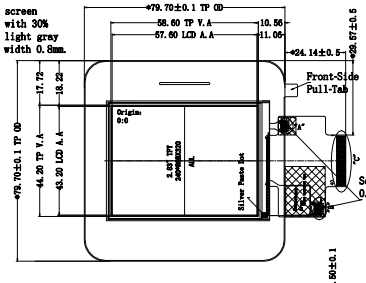
RoHS

NO.	CONTENT	DRAWN	DATE
A	First Issue	LXY	20260828
M			
E			
N			
D			

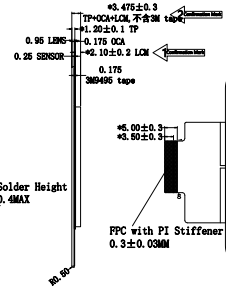
Silkscreen Rendering



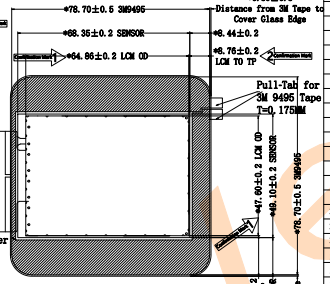
Front View



Side View



Back View

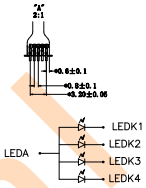


PIN	SYMBOL
1	LEDK
2	LEDA
3	GND
4	/RESET
5	CS
6	RS/DCX
7	WR/SCL
8	RD
9	SDO
10	SDI
11	DB17
12	DB16
13	DB15
14	DB14
15	DB13
16	DB12
17	DB11
18	DB10
19	DB8
20	DB7
21	DB6
22	DB5
23	DB4
24	DB3
25	DB2
26	DB1
27	TE
28	IOVCC
29	VCI(2.8)
30	IM0
31	IM1
32	IM2
33	IM3
34	GND
35	CTP-VCC
36	CTP-SCL
37	CTP-SDA
38	CTP-INT
39	CTP-RES
40	GND

GF



FPC bending diagram
FPC unfolded when shipment



IF=80MA, VF=3.0±0.3V

PIN#	Assignment
1	VCC-TP
2	GND
3	SCL
4	SDA
5	INT
6	RST

CTP technical parameters:
1. Structure: G+F; IC: FT6336U
2. Cover lense material: Asahi Glass, T=0.95mm, surface hardness≥6H
3. .Falling demand: 40cm, 64g steel ball, three times without breakage at center of visible area
4. Reinforced glass requirments: CS≥450Mpa, DOL≥8um, 4PB≥400mpa
5. Light transmittance:≥85%, the ink area is opaque, and the insulation resistance of the layer of ink is R≥1000MΩ/cm
6. Dyne value ≥32dyn
7. Warp degress≤0.45mm
8. Working temperature/humidity: -20°C~+70°C, ≤90%RH
9. Storage temperature/humidity: -30°C~+80°C, ≤90%RH
10. Inspection and testing requirements: the size with "*" is an important size, which is the key inspection size of QC, other sizes are random inspection sizes. The unmarked tolerance is ±0.2mm
11. All materials can meet RoHS+HF standard

Notes:

1. Display Mode:Normally Black
2. Viewing Angle: ALL (eyes) 80/80/80/80
3. LCD Driver IC: ST7789T3-G4-1
4. Operating Temp:-10°C ~ +60°C
5. Storage Temp:-20°C ~ +70°C
6. *:Critical Dimension, ( ):Reference Dimension
7. Undefinition Tolerance:±0.2
8. Requirements on Environmental Protection:ROHS

深圳市福瑞达显示技术有限公司 Shenzhen Frida LCD Co., Ltd					Page	1/1
					DRAWING	LXY
TITLE.	LCM+CTP	REV.	UNIT	SIZE	CHECK	
MODEL.	P26082702	v0	mm	A4	APPROVE	

Customer Confirmation Form

Confirmation Mark	Items to be confirmed by the client	
Confirmation Mark 1	Please confirm the backlight outline dimensions.	
Confirmation Mark 2	Please confirm the bonding position dimensions and total thickness.	

Trial Version