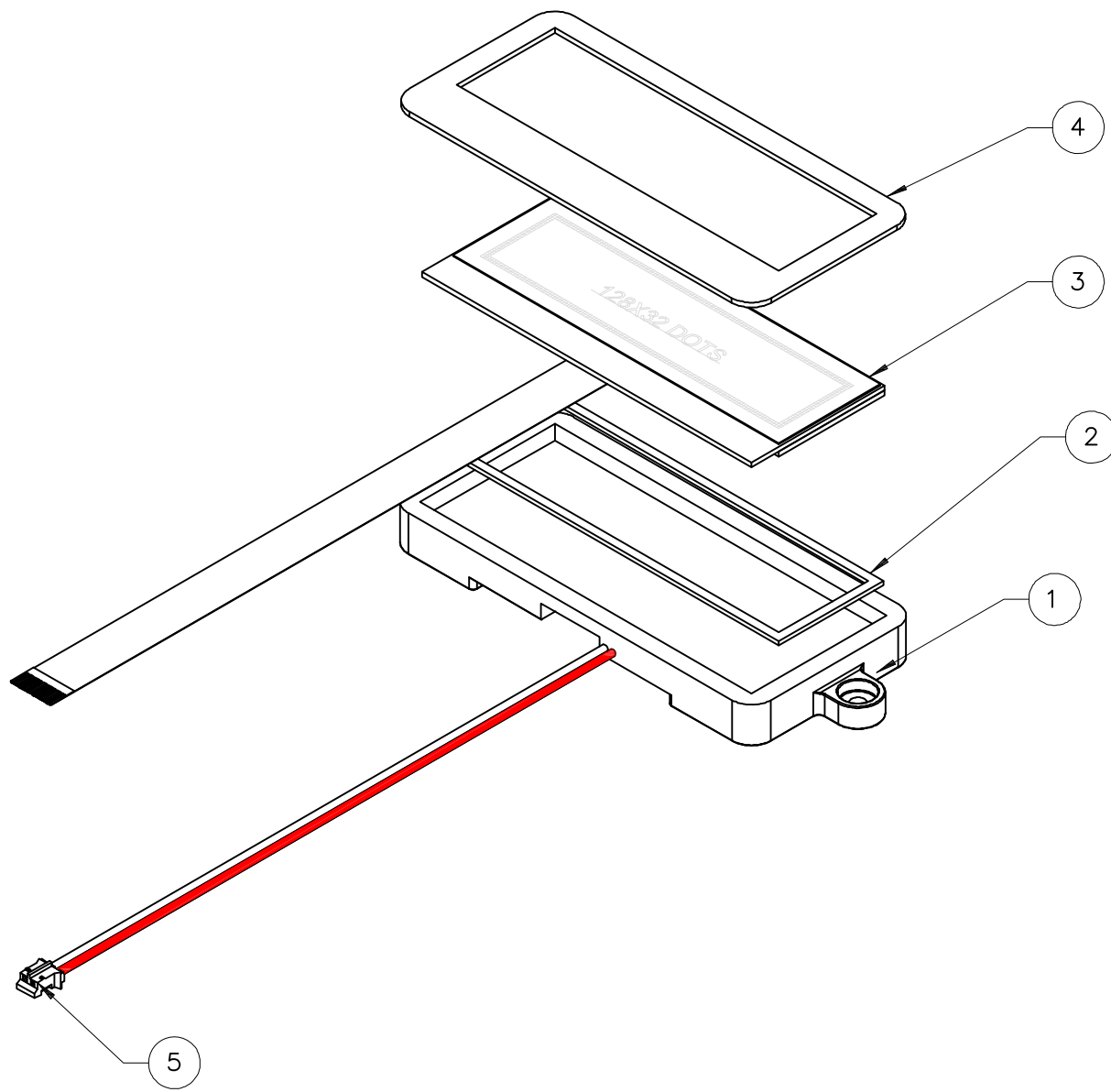
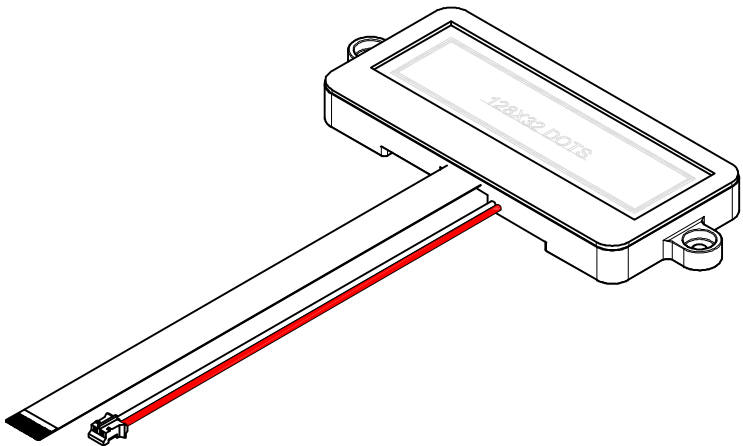




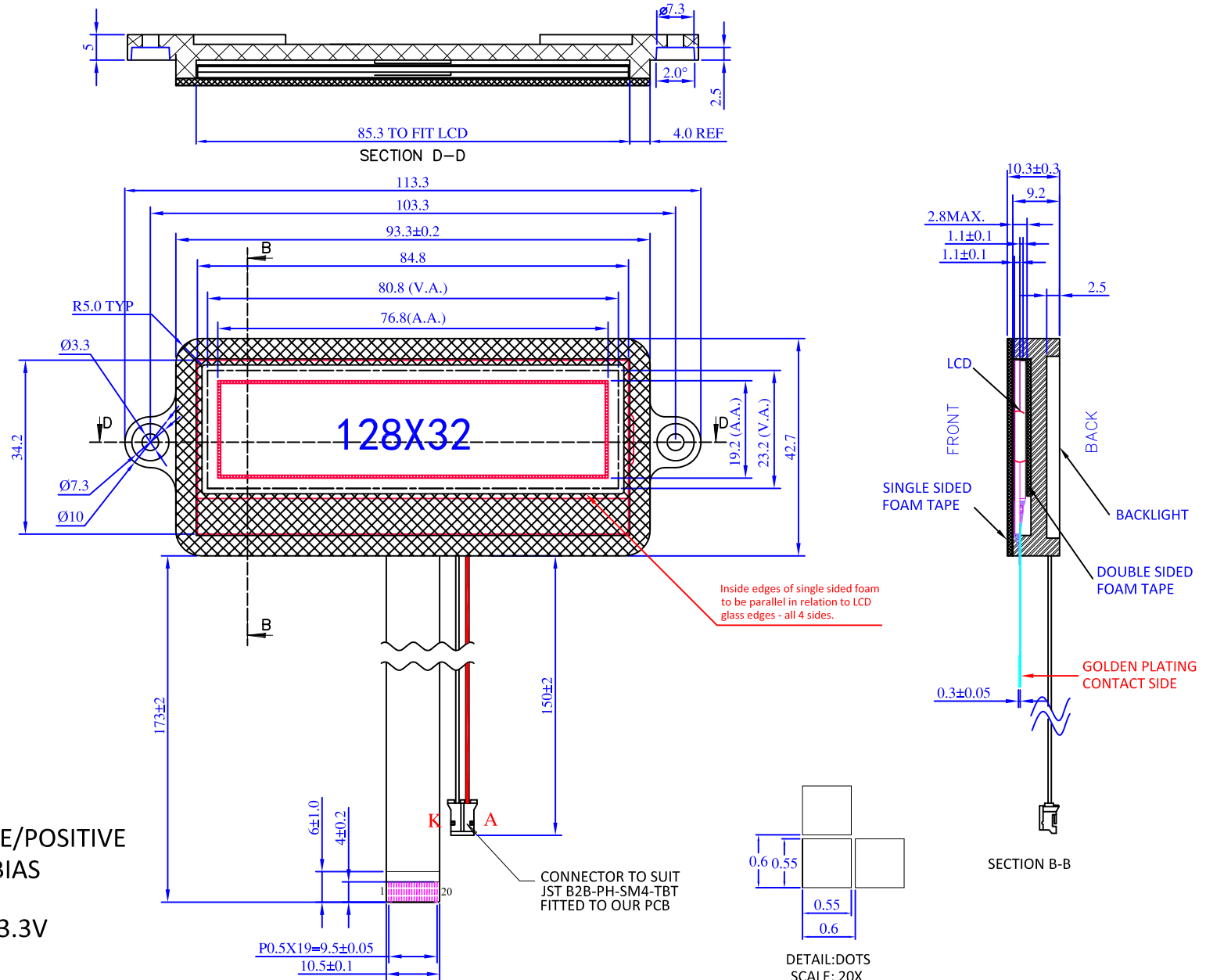
ITEM NO.	QTY.	Description
1	1	BACKLIGHT
2	1	DOUBLE SIDED FOAM TAPE
3	1	DISPLAY LCD 128x32x0.6 COG FPC
4	1	SINGLE SIDED FOAM TAPE
5	1	JST PHR-2 OR APPROVED EQUIVALENT



XIAMEN OCULAR OPTICS CO.,LTD									
REVISION RECORD						Drawn: SKY		Model Name: GDC12832C ASSEMBLY	
Ver	Date	Modify	Contents	Name	Confirm	Checker:		Date:	
2									
3									
4									
5									
6						Page: 1-1			

PIN FUNCTION

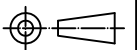
PIN NO.	PIN FUNCTION	PIN NO.	PIN FUNCTION
1	NC	11	CAP1N
2	CS1B	12	CAP1P
3	RST	13	CAP2P
4	A0	14	CAP2N
5	SCL(D6)	15	V4
6	SI(D7)	16	V3
7	VDD	17	V2
8	VSS	18	V1
9	VOUT	19	V0
10	CAP3P	20	NC

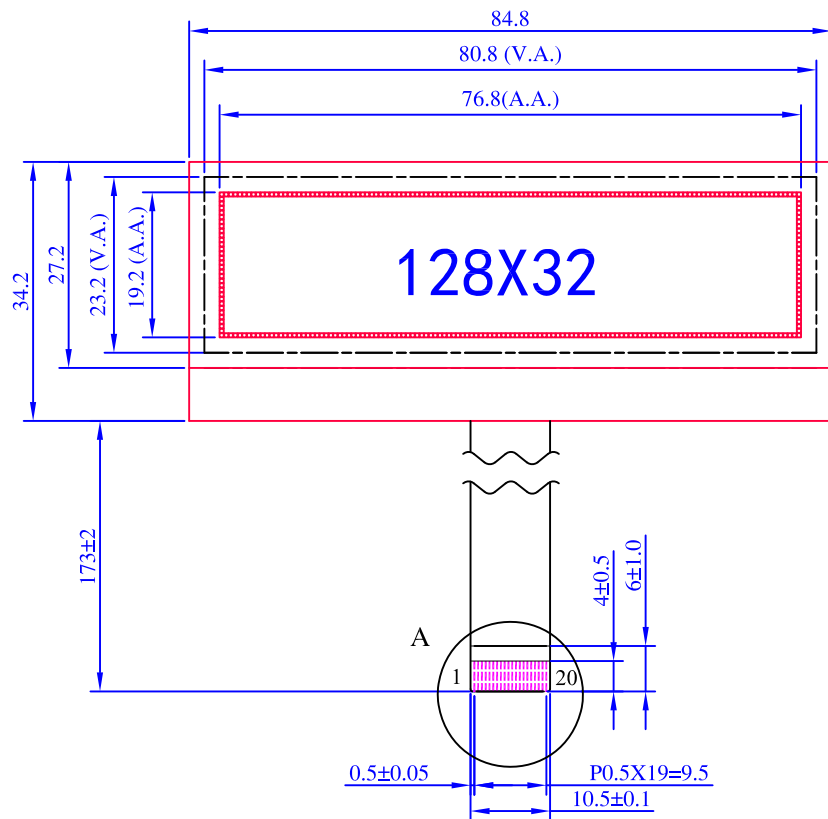


NOTES:

- 1.DISPLAY TYPE:FSTN
- 2.VIEWING DIRECTION:6 O'CLOCK
- 3.POLARIZER MODE:TRANSFLECTIVE/POSITIVE
- 4.DRIVE METHOD:1/32 DUTY 1/6 BIAS
- 5.LCD DRIVE VOLTAGE:7.5V
- 6.LOGIC POWER SUPPLY VOLTAGE:3.3V
- 7.OPREATING TEMP:-15°C~+75°C
- 8.STORAGE TEMP:-25°C~+80°C
- 9.CONTROLLER IC:ST7565P
- 10.CONNECTION TYPE:COG
- 11.BACKLIGHT:LED SIDE TYPE, WHITE COLOR
- 12.DRIVE METHOD OF BACKLIGHT:12.0V/15mA
- 13.OTHER TOLERANCE:±0.2mm

XIAMEN OCULAR OPTICS CO.,LTD.					
REVISION RECORD					Drawn: SKY
Ver	Date	Modify	Contents	Name	Confirm
2	12/31/2010	Change	LED backlight polarity	SKY	
3					
4					
5					
6					
					Checker: SKY
					Approved:
					Page: 1-1
					Date: DEC.31,2010

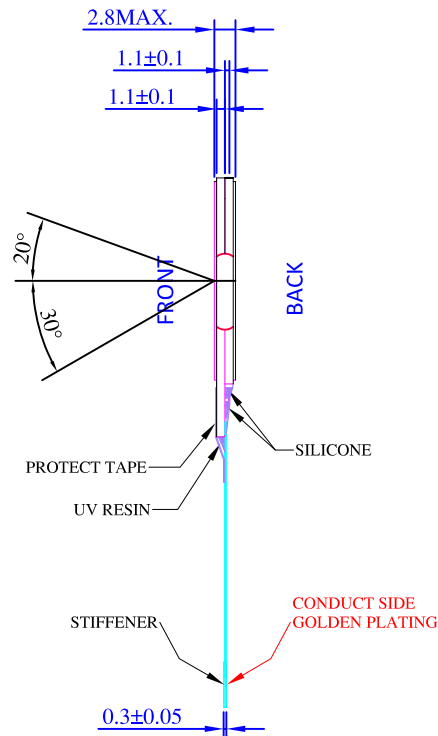




↑ 6 O'CLOCK VIEWING DIRCTION

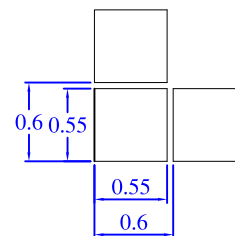
NOTES:

- 1.DISPLAY TYPE:FSTN
- 2.VIEWING DIRECTION:6 O'CLOCK
- 3.POLARIZER MODE:TRANSFLECTIVE/POSITIVE
- 4.DRIVE METHOD:1/32 DUTY 1/6 BIAS
- 5.LCD DRIVE VOLTAGE:7.5V
- 6.LOGIC POWER SUPPLY VOLTAGE:3.3V
- 7.OPREATING TEMP:-15°C~+75°C
- 8.STORAGE TEMP:-25°C~+80°C
- 9.CONTROLLER IC:ST7565P
- 10.CONNECTION TYPE:COG
- 11.OTHER TOLERANCE:±0.2mm

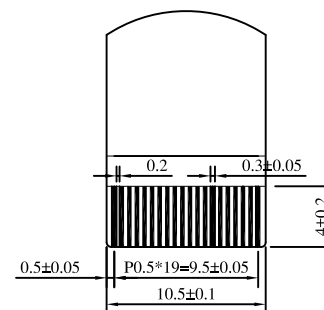


PIN FUNCTION

PIN NO.	PIN FUNCTION	PIN NO.	PIN FUNCTION
1	NC	11	CAP1N
2	CS1B	12	CAP1P
3	RST	13	CAP2P
4	A0	14	CAP2N
5	SCL(D6)	15	V4
6	SI(D7)	16	V3
7	VDD	17	V2
8	VSS	18	V1
9	VOOUT	19	V0
10	CAP3P	20	NC

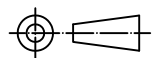


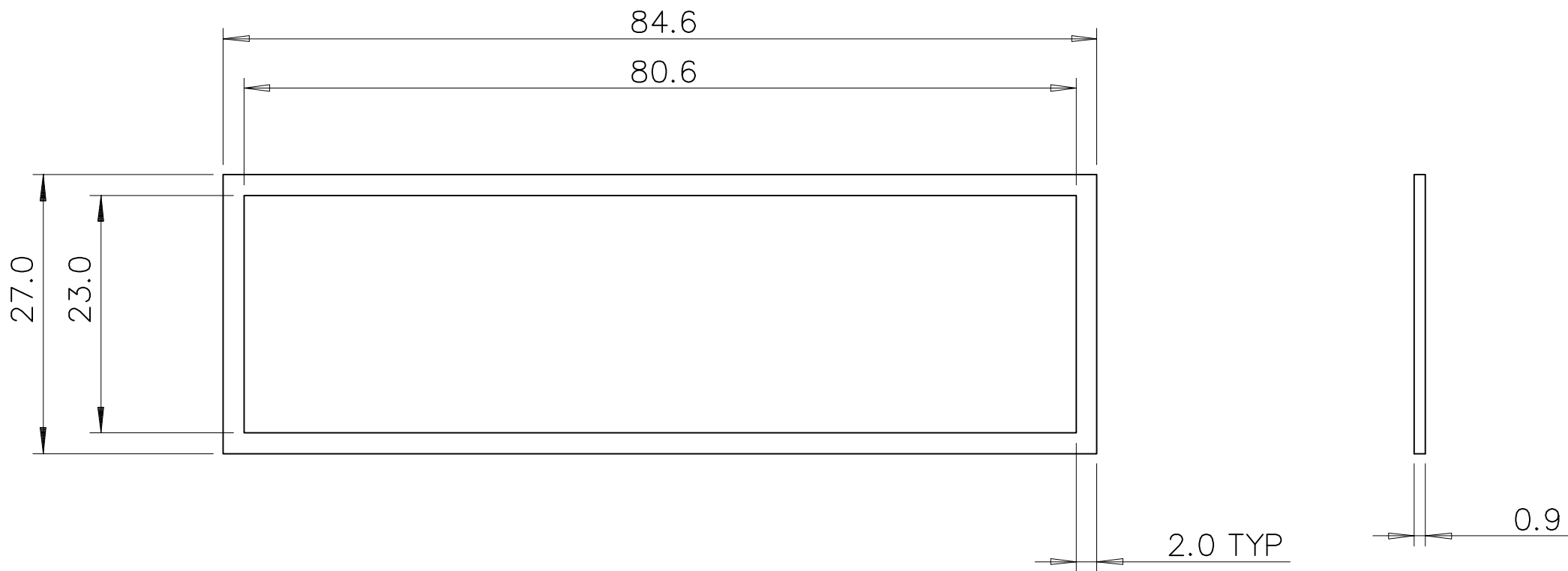
DETAIL:DOTS
SCALE: 20X



DETAIL: A
SCALE:2X

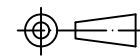
 XIAMEN OCULAR OPTICS CO.,LTD.						Model Name: GDC12832C	
REVISION RECORD						Drawn: SKY	Date:
Ver	Date	Modify	Contents	Name	Confirm	Checker:	DEC.31,2010
2							
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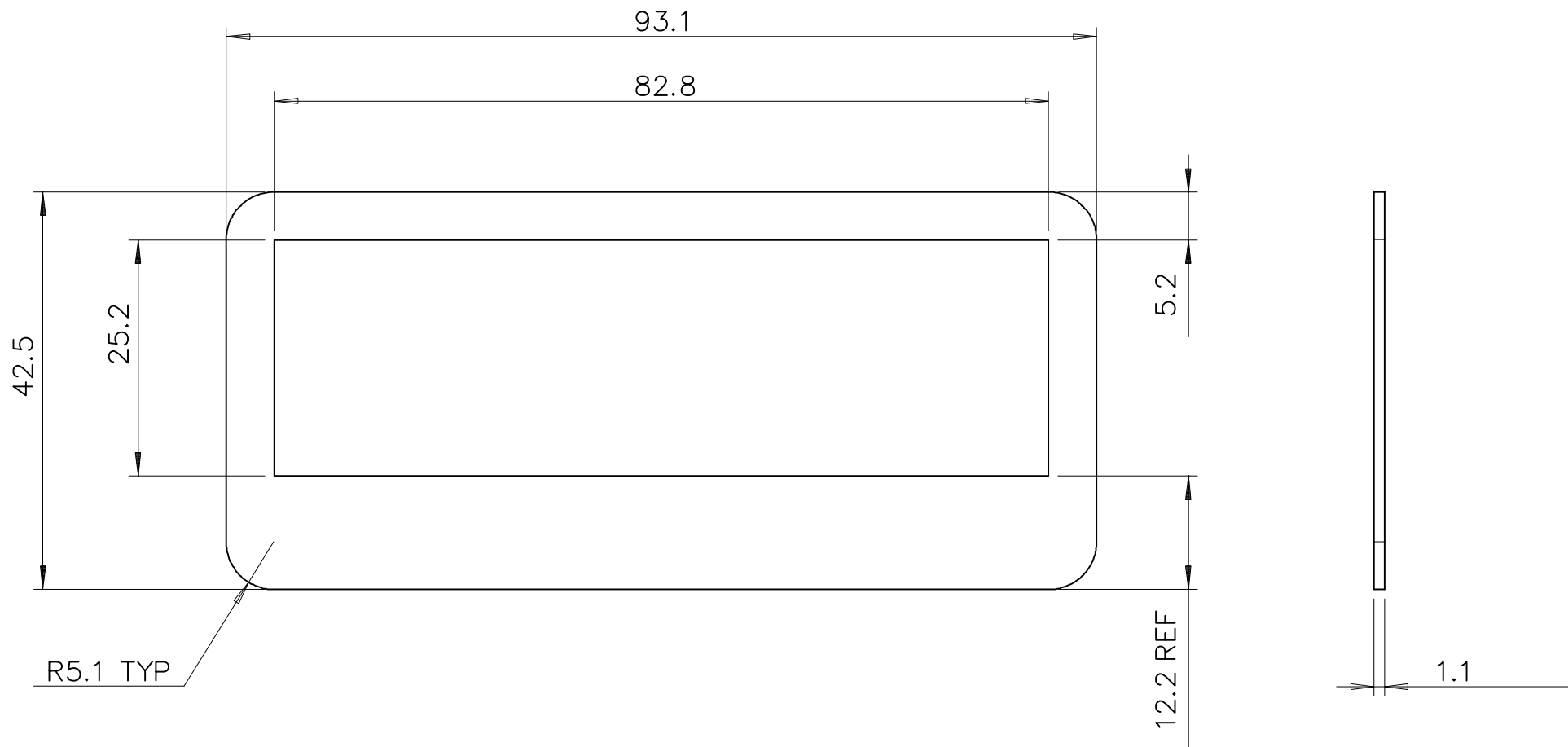




DOUBLE SIDE TAPE

XIAMEN OCULAR OPTICS CO.,LTD.							Drawn:	Model Name:
REVISION RECORD							SKY	DOUBLE SIDE TAPE OF
Ver	Date	Modify	Contents	Name	Confirm		Checker:	GDC12832C
2								Date:
3								DEC.31,2010
4							Approved:	
5								
6							Page: 1-1	

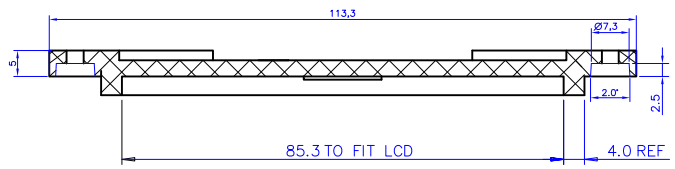




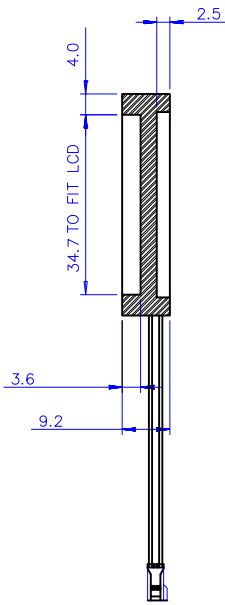
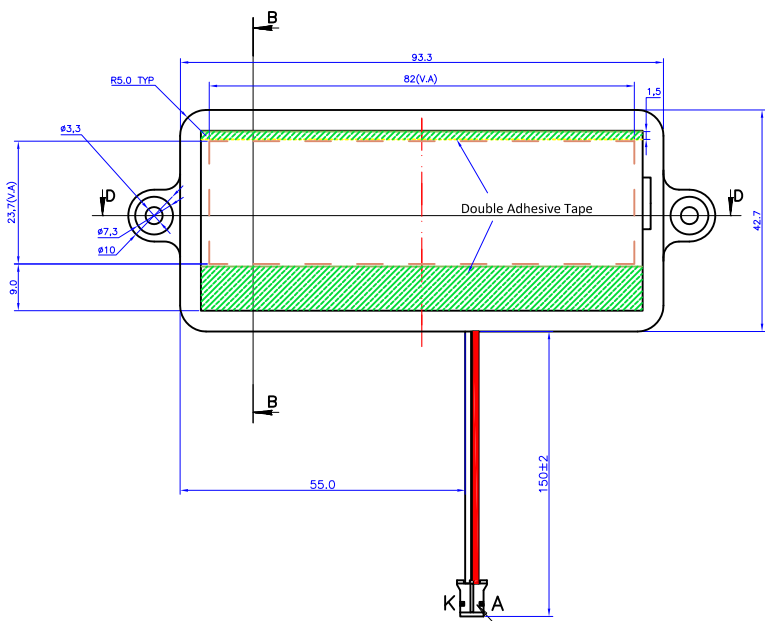
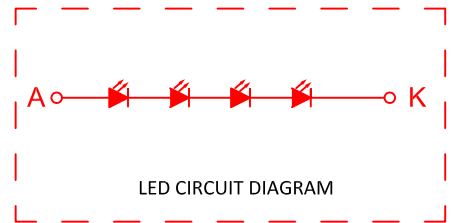
SINGLE SIDE FOAM TAPE

XIAMEN OCULAR OPTICS CO.,LTD.					
REVISION RECORD					
Ver	Date	Modify	Contents	Name	Confirm
2					
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4					
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6					
				Drawn: SKY	
				Checker:	
				Approved:	
				Page: 1-1	
				Model Name: SINGLE SIDE FOAM TAPE OF GDC12832C	
				Date: DEC.31,2010	

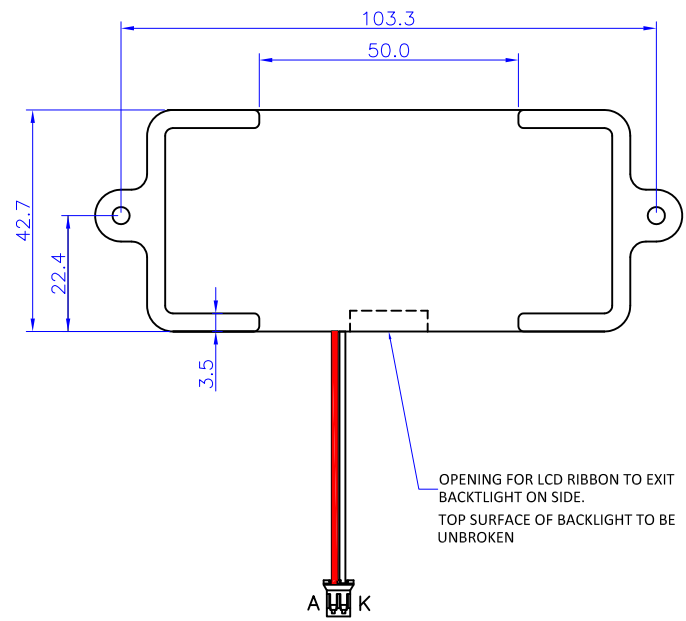
REVISION		DATE		DESCRIPTION		REVISER	REVIEWED	VIEWING		DATE	DEC.31,2010	PAGE	1/1
2		12/31/2010		Change LED backlight polarity		SKY				CUSTOMER APPROVAL		DATE	



SECTION D-D



SECTION B-B



- Notes:
- Unit:mm.
 - Do not scale drawing.
 - Tolerance unless otherwise specified ± 0.3 .
 - Δ modification rev.number.
 - Backlight color: White.
 - LED 1x4 groups, JF0603 SMD LEDs
 - Backlight driving: 12.0V/12.5mA
 - All materials in compliance with the RoHS

Item	Symbol	Min	Typ	Max	Unit	Condition
Forward Volatage	Vf	11.6	12.0	13.6	V	If=15mA
Reverse Current	Ir	—	—	10	uA	Vr=20V
C I E	X	0.26	—	0.31		If=15mA
	Y	0.26	—	0.31		
Luminance	Lv	100	—	—	cd/m ²	If=15mA
Uniformity	Δ	75	—	—	%	If=15mA
Operating Temperature	Topr	-20	—	75	°C	—
Storage Temperature	Tstg	-25	—	75	°C	—

XIAMEN OCULAR OPTICS CO.,LTD.

CUSTOMER	PART NUMBER	EDITION
	GDL-S3060W04-12	A
PROJECT	PRODUCT CODE	REVISION
TRU-TEST 128x32 GRAPHIC COG	GDC12832C	A
DESIGNER	CHECKED	APPROVED
SKY		