Next Vision Display
Brighten The Future

NEXT VISION DISPLAY

SPECIFICATION

CUSTOMER : _____

MODULE NO.: NT018-N001PT

Version	002
Engineer	Ryan Yan
Date	2011-08-31

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Customer:
Approved by

NEXT VISION DISPLAY CO., LTD.

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1. SPECIFICATIONS

1.1 Features

Main LCD Panel

Item	Standard Value
Display Type	128 * (R、G、B) * 160 Dots
LCD Type	a-Si TFT , Normally White TN mode
Screen size(inch)	1.77 (Diagonal)
Viewing Direction	12 O'clock
Color configuration	R.G.B. vertical stripe
Backlight	White LED
Interface	8-bit interface for 80 system
Other(controller / driver IC)	ST7735R (Support 65K Colors)
ROHS	THIS PRODUCT CONFORMS THE ROHS OF PTC

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1.2 Mechanical Specifications

Item	Standard Value	Unit
Outline Dimension	34.0 (W) * 47.0 (L) * 2.4 (H)(MAX)	mm

TFT LCD Panel

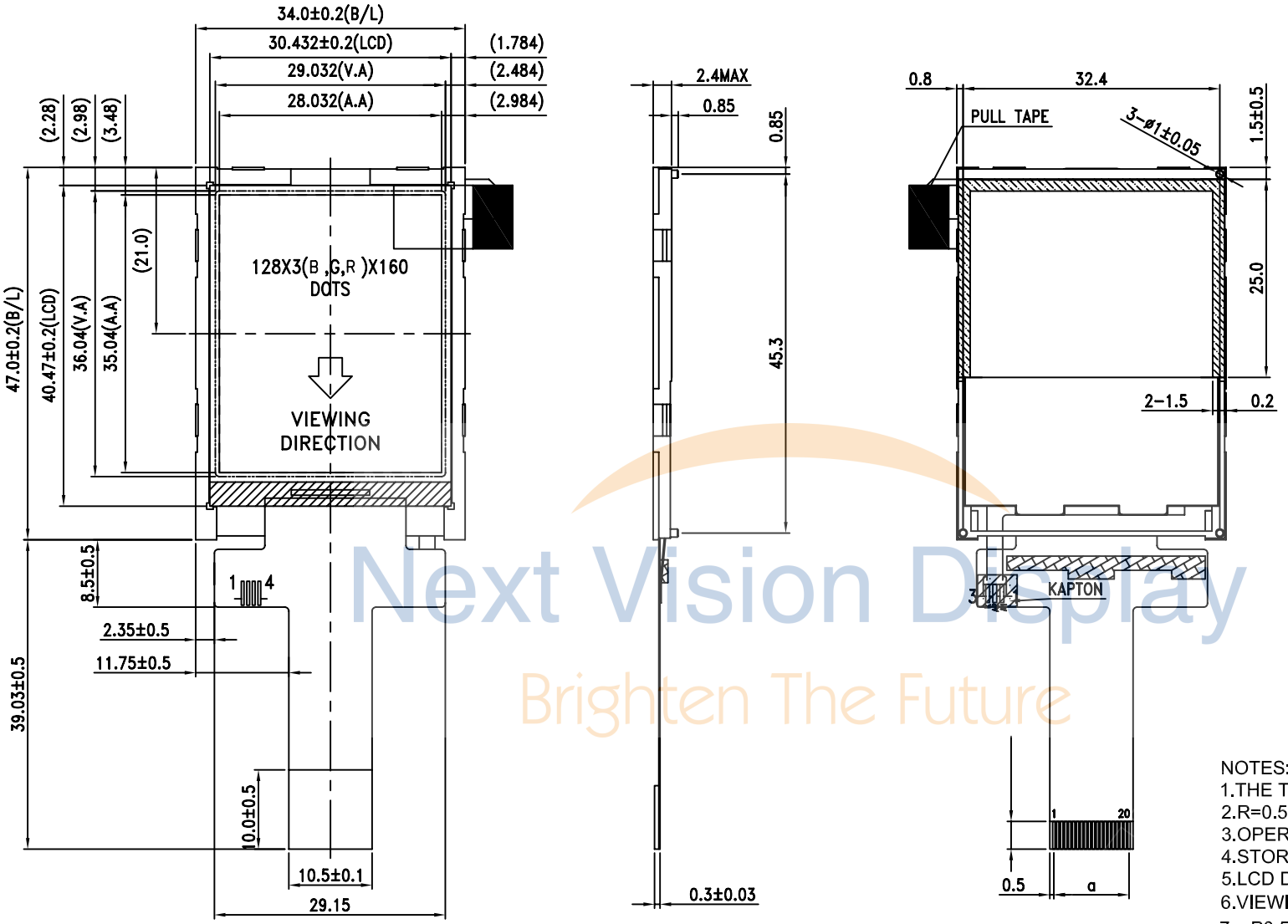
Item	Standard Value	Unit
Viewing Area (LCD)	29.032 (W) * 36.04 (L)	mm
Active Area (LCD)	28.032 (W) * 35.04 (L)	mm

Note : For detailed information please refer to LCM drawing.

2. Interface Pin Description

Pin No.	Symbol	Function
1	LED-	Power Supply for LED- Backlight cathode input.
2	LED+	Power Supply for LED+ Backlight Anode input.
3	GND	System Ground.(0V)
4	VDD	Power supply (+2.8V)
5	NC	Not Connect
6	NC	Not Connect
7	/CS	Chip select signal. Low: chip can be accessed. ; High: chip cannot be accessed.
8	/RET	Chip Reset pin. ("Low Active")
9	RS	The signal for command or parameter select under parallel mode (i.e. Not Serial bus Interface) Low: command. ; High: parameter.
10	/WR	Write signal input , Active "L".
11	RD	Read signal input , Active "L".
12	DB7	Bi-directional data bus.
13	DB6	Bi-directional data bus.
14	DB5	Bi-directional data bus.
15	DB4	Bi-directional data bus.
16	DB3	Bi-directional data bus.
17	DB2	Bi-directional data bus.
18	DB1	Bi-directional data bus.
19	DB0	Bi-directional data bus.
20	GND	System Ground.(0V)

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NOTES:
1.THE TOLERANCE UNLESS CLASSIFIED±0.2mm
2.R=0.5±0.1mm FOR NOT ASSIGNED
3.OPERATING TEMP:-20°C~70°C
4.STORAGE TEMP:-30°C~80°C
5.LCD DRIVER:ST7735R
6.VIEWING DIRECTION:12 O'CLOCK
7.a:P0.5x(20-1)=9.5±0.08 W=0.3±0.05
8. DOUBLE TAPE T=0.05MM

REV	REV BY	REVISER	DATE
007			
006			
005			
004			
003			
002			
001	NEW DRAWING	Air	2011/06/07

PART NO: NT018-N001PT

TITLE :

PART NAME : LCD MODULE DRAWING

Design	Air	(3)	Surface		
Check	Eddy	Unit	MM	Material	
Approve	Ryan	Scale	1:1	Thickness	
		Page	1/1	Quantity	

最小長度 (mm) \ 精度等級	精級
1 ~ 4	-
4 ~ 16	-
16 ~ 63	-
63 ~ 250	-
250 ~ 1000	-