

Your contact: www.codico.com mailto: office@codico.com phone: +43/1/86305-0 fax: +43/1/86305-5000

Product Family	AM-320240N	AM-320240N-A	AM-320240N1	AM-320240N6	AM-320240NS	AM-640480G
Form Factor	N	N	N1	N6	NS	G
Viewing	Normal	Wide view	Normal	Normal	Normal	Normal
Viewable Size	5,7" (4:3)	5,7" (4:3)	5,7" (4:3)	5,7" (4:3)	5,7" (4:3)	5,7" (4:3)
Resolution	QVGA 320x240	QVGA 320x240	QVGA 320x240	QVGA 320x240	QVGA 320x240	VGA 640x480
Outline [mm]	131,0 x 102,2 x 10,9	131,0 x 102,2 x 10,9	167,0 x 109,0 x 8,9	126,0 x 101,0 x 5,4	144,0 x 104,6 x 3,0	127,0 x 100,0 x 7,0
Viewing Area	117,2 x 88,4	117,2 x 88,4	117,2 x 88,4	117,2 x 88,4	117,2 x 88,4	119,0 x 89,9
Active Area	115,2 x 86,4	115,2 x 86,4	115,2 x 86,4	115,2 x 86,4	115,2 x 86,4	116,2 x 87,1
Brightness [Cd/m ²]	350 or 500	350 or 500	350 or 500	350 or 500	350 or 500	250
View Angle [°] (LRUD)	60/50/60/60	70/60/60/60	60/50/60/60	60/50/60/60	60/50/60/60	140Hor. / 100Ver.
Backlight	LED or CCFL	LED or CCFL	LED or CCFL	LED	LED	LED
Backlight Lifetime Typical [hours]	30.000	30.000	30.000	20.000	40.000	10.000
Optionally available ONBOARD features						
TFT Controller **)	X	X	X	X	X	
Touch Panel	X	X	X	X	X	X
Touch Panel controller *)	X	X	X	X	X	
Interface Connection						
FPC connector 33pins	X				X	
FPC connector 40pins	X	X	X	X		X
Pin Header 34pins			X *)			
FFC 24pins			X *)			

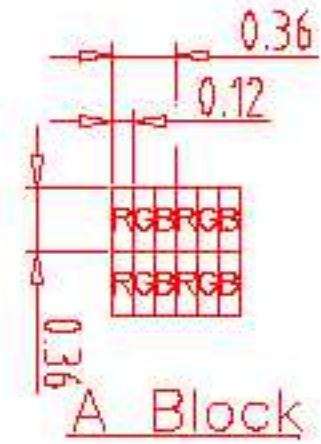
*) only in combination with TFT controller

**) Versions with TFT controller have selectable I/O characteristics. 8/9/16/18bit and 8080 or 6800mode



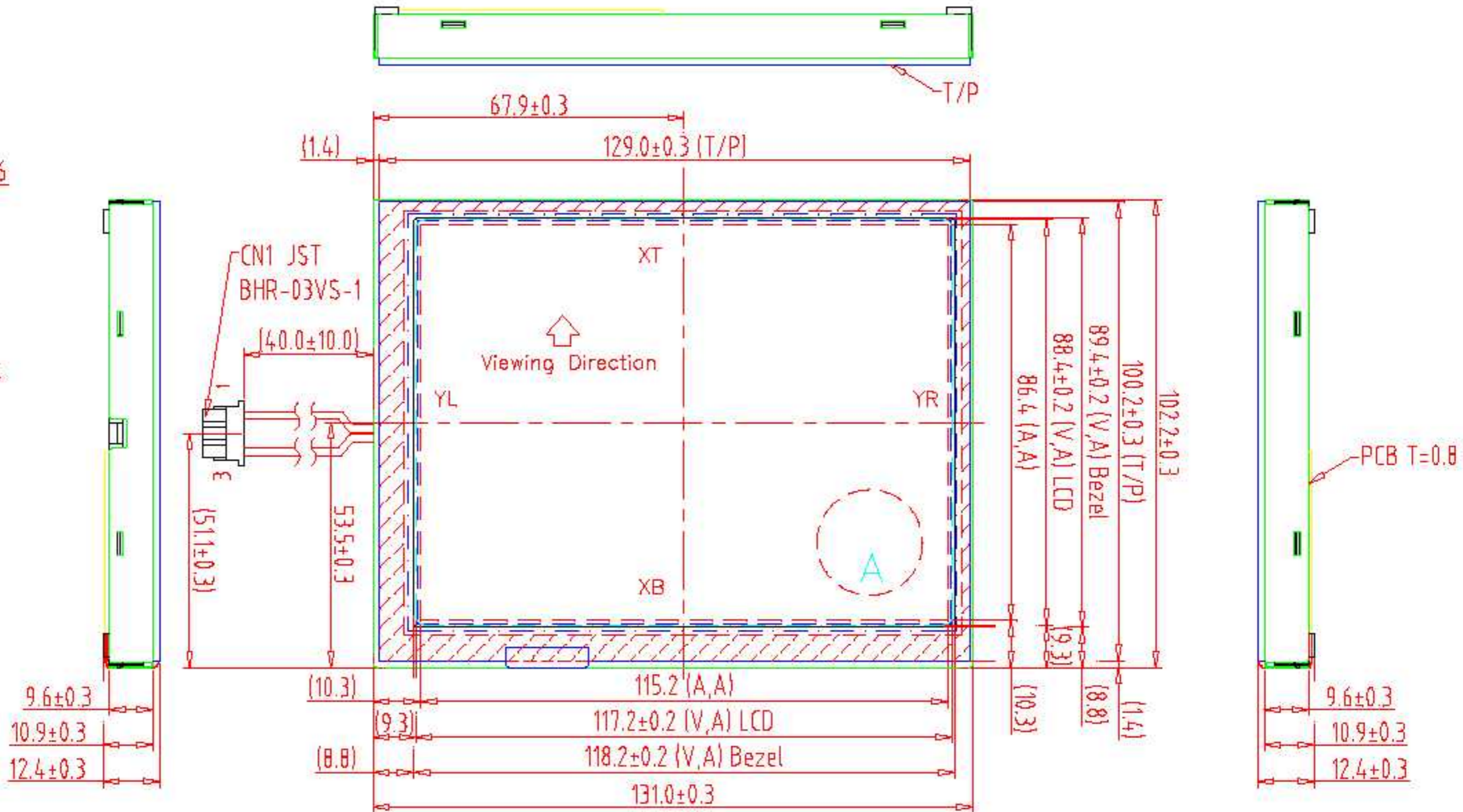
Zwingenstraße 6-8 • A-2380 Perchtoldsdorf • Austria
 Tel: +43 1 86 305 - 0 • Fax: +43 1 86 305 - 5000
 e-mail: office@codico.com • www.codico.com

Form Factor N

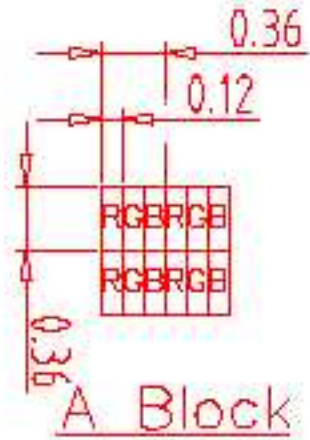


1 CN1

1	A
2	NC
3	K

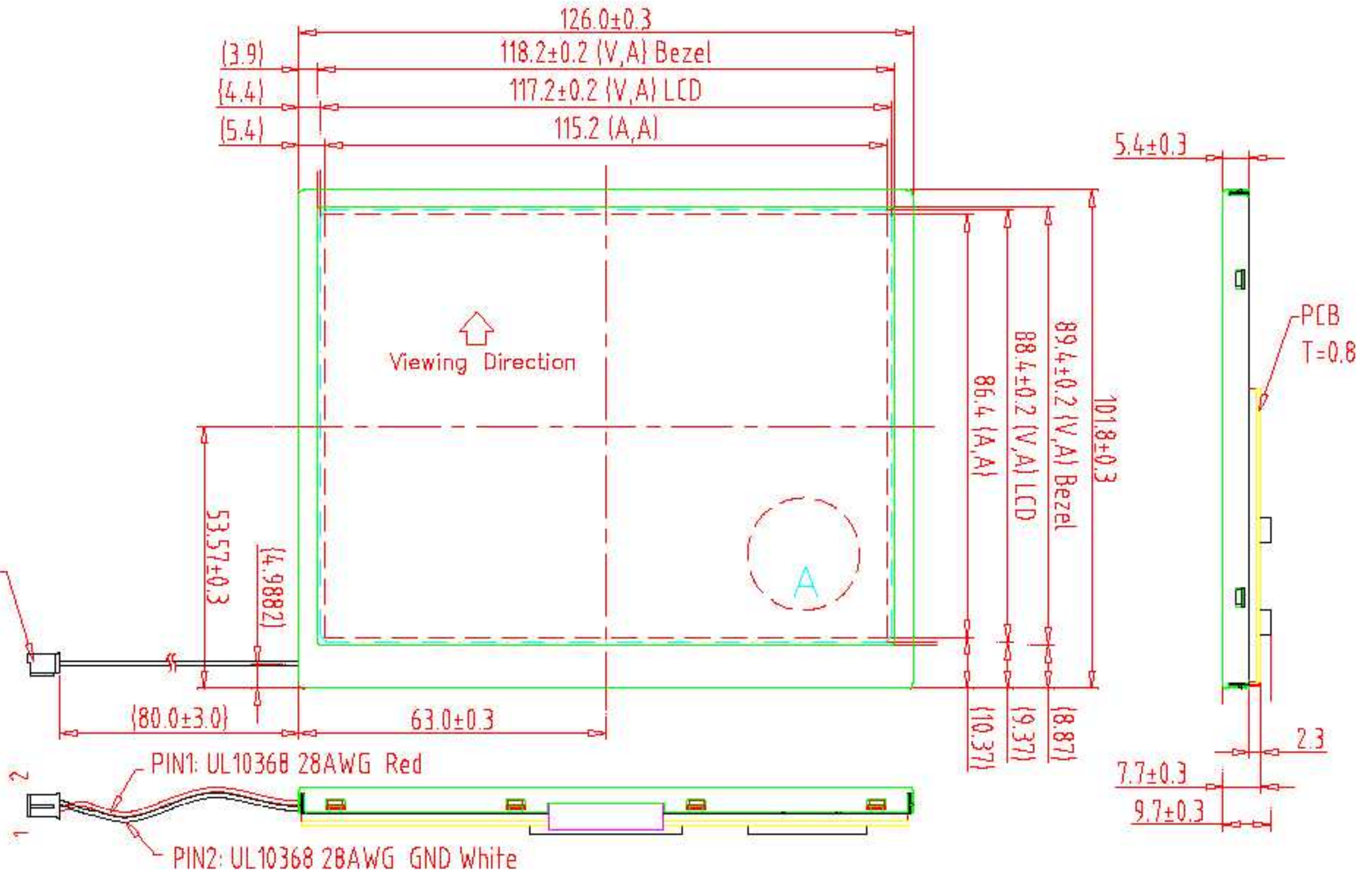


Form Factor N6

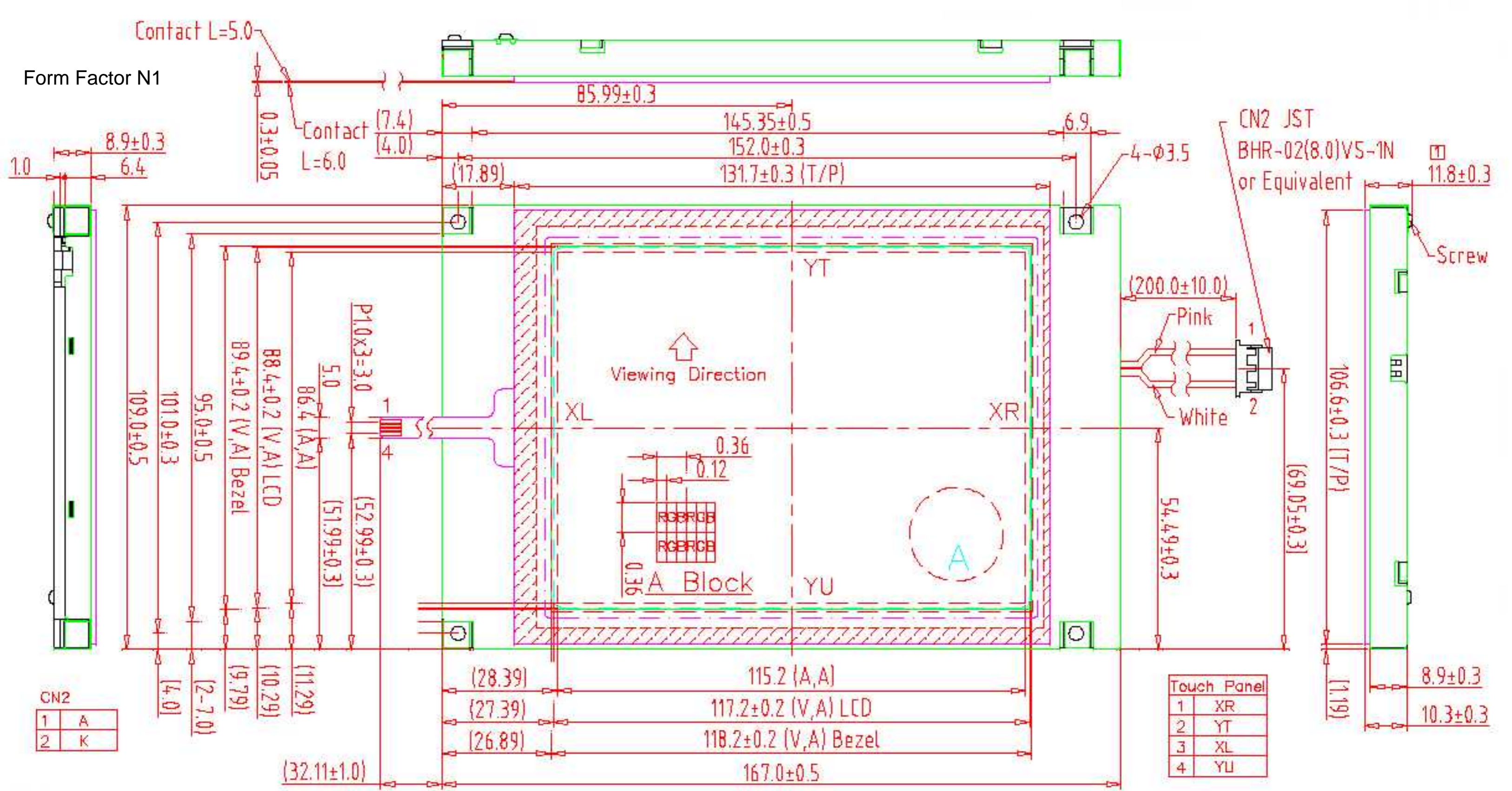


J2	
1	A
2	K

J2 JST
PHR-2



Form Factor N1



8.9±0.3
6.4

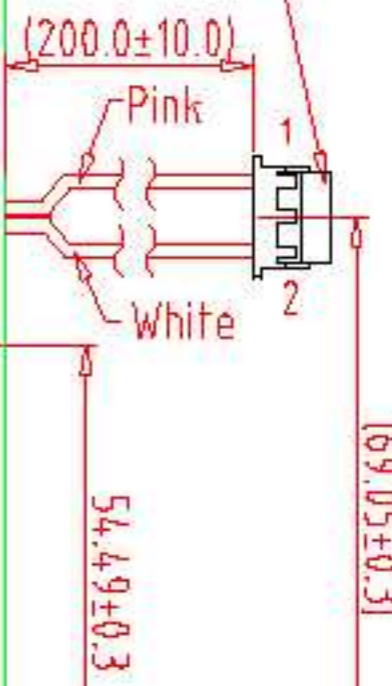
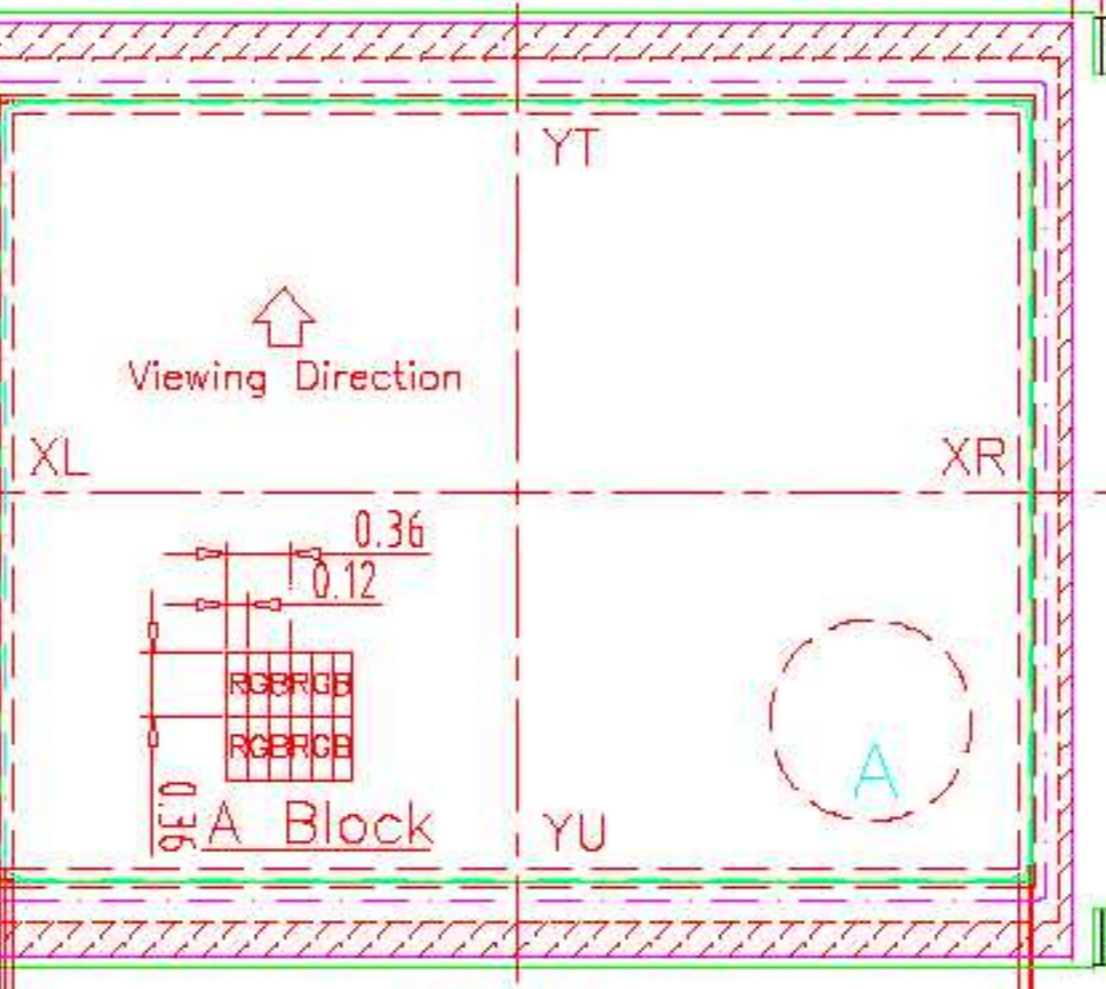
CN2	
1	A
2	K

Contact L=5.0
Contact L=6.0
(7.4)
(4.0)

85.99±0.3
145.35±0.5
152.0±0.3
131.7±0.3 (T/P)

4-∅3.5
CN2 JST
BHR-02(8.0)V5-1N
or Equivalent
11.8±0.3
Screw

1.0
109.0±0.5
101.0±0.3
95.0±0.5
89.4±0.2 (V,A) Bezel
88.4±0.2 (V,A) LCD
86.4 (A,A)
5.0
P1.0x3=3.0
(51.99±0.3)
(52.99±0.3)
(11.29)
(10.29)
(9.79)
(2-7.0)
(4.0)

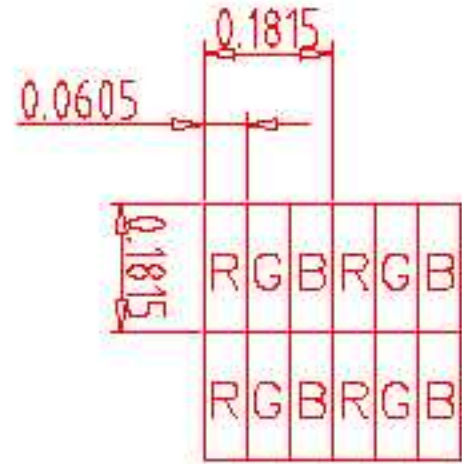


(28.39)
(27.39)
(26.89)
115.2 (A,A)
117.2±0.2 (V,A) LCD
118.2±0.2 (V,A) Bezel
167.0±0.5

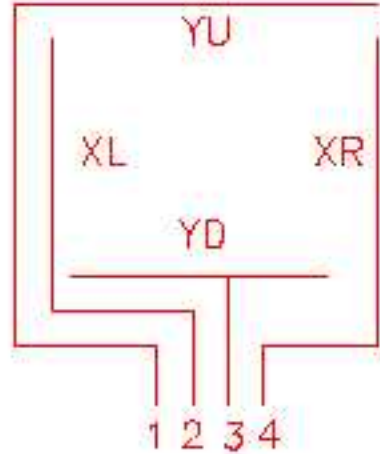
Touch Panel	
1	XR
2	YT
3	XL
4	YU

106.6±0.3 (T/P)
(1.19)
8.9±0.3
10.3±0.3

Form Factor G



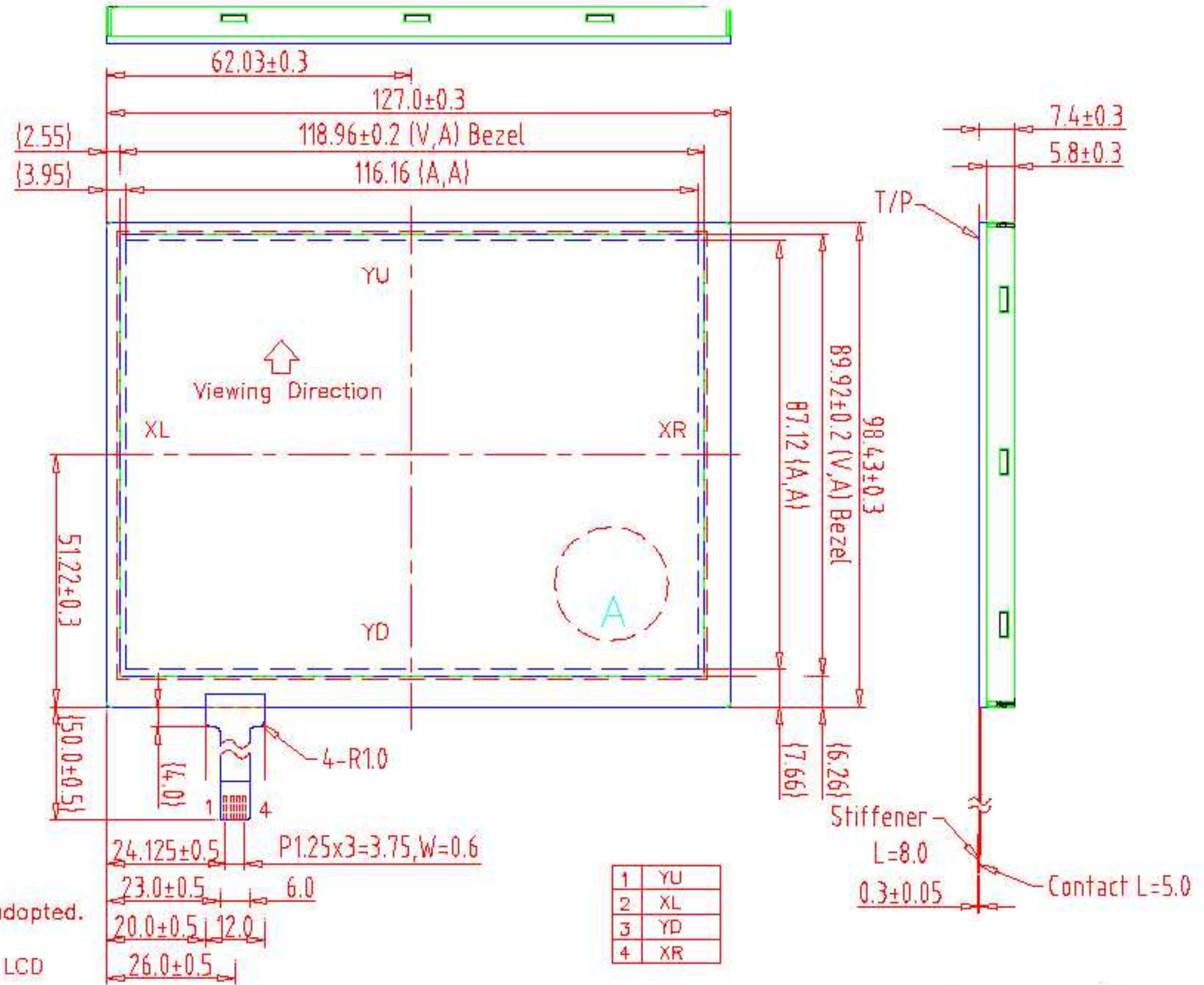
A Block



CIRCUIT DIAGRAM

Note:

1. Unless indicated, Tolerance Grade "B" is adopted.
2. UV Glue For OLB Protection.
3. LCD 640x480 (R.G.B) TFT LCD=>5.7" TFT LCD



1	YU
2	XL
3	YD
4	XR

Form Factor NS

