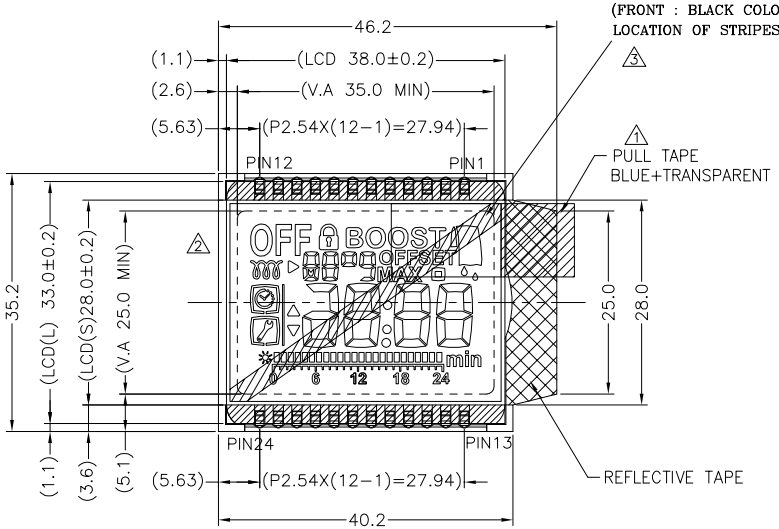
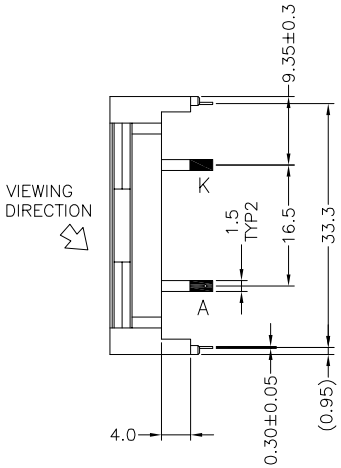
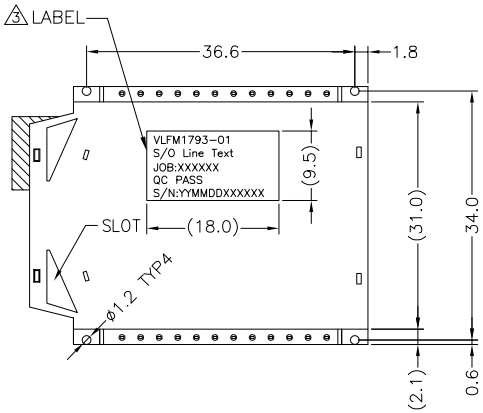
THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO VARITRONIX AND SHALL NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF VARITRONIX.

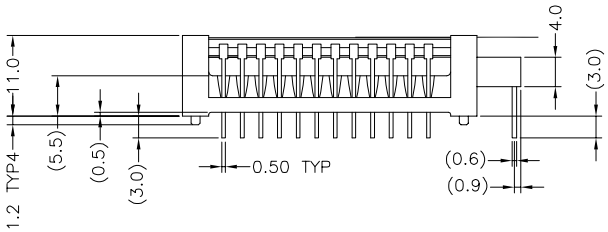
ISSUE	AMENDMENT	DATE
1	UPDATE THE COLOR OF PULL TAPE	2015.07.09
2	UPDATE PATTERN AND PIN TABLE	2015.07.24
3	ADD STRIPE LINE AND RESISTANCE VALUE UPDATE LABLE	2015.10.09

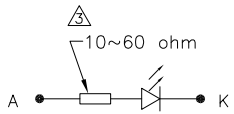
REMARKS: STRIPE LINE MARK ON FRONT PROTECTIVE FOIL.
(FRONT : BLACK COLOR)
LOCATION OF STRIPES LINE MAY BE DIFFERENT FROM THE ACTUAL.











BACKLIGHT CIRCUIT

PIN TABLE :

PIN	COM1	COM2	COM3	COM4
1	B12	B11	B10	B13
2	---	---	COM3	---
3	---	COM2	---	---
4	COM1	---	---	---
5	7B	7C	7D	X9
6	7F	7G	7E	7A
7	6B	6C	X12	X14
8	6A	6G	6E	X2
9	6F	COL	6D	X15
10	5B	5C	5D	X8
11	5F	5G	B9	5A
12	---	---	---	COM4
13	B15	B16	B17	B14
14	B23	B24	X10	B22
15	B20	B19	B18	B21
16	B3	B5	B6	X39
17	B2	B4	B7	B1
18	X11	X6	X7	X3
19	1F	1E	X4	X1
20	1G	1H	X40	1A
21	1B	1C	1D	X5
22	2E	2D	4A,G,E,D	2F
23	2G	4B	4C	2A
24	2C	5E	B8	2B

DISPLAY TYPE	TN, +VE, TRANSFLECTIVE		
DISPLAY RESOLUTION	SEGMENTS + ICONS		
VIEWING ANGLE	12 O'CLOCK		
MUX RATIO AND BIAS LEVEL	1/4 DUTY, 1/ 3 BIAS, "SCHEME A"		
LCD CONTROLLER/DRIVER	N/A		
LOGIC VOLTAGE	N/A		
LCD DRIVING VOLTAGE	5.0V TYP.		
OPERATING TEMPERATURE	-20°C to +85°C		
STORAGE TEMPERATURE	-30°C to +85°C		
BACKLIGHT (@25°C)	BLUE LED PART NUMBER : 01.JT.CA320BD-B "JF"		
	TYPE	LED05	
	COLOR	BLUE	
	WAVELENGTH	~470nm	
	FORWARD CURRENT	10mA (CONSTANT)	
	FORWARD VOLTAGE (V)	MIN.	--
		TYP.	3.2
		MAX.	--
	LUMINANCE(cd/m2) (ON THE BACKLIGHT SURFACE)	MIN.	--
		TYP.	120
		MAX.	--
REMARK			

NOTES:
1. ◇ : SPECIAL CHARACTERISTIC
2. + : SAFETY CHARACTERISTIC
3. ▽ : CRITICAL DIMENSION
4. (..) : REFERENCE DIMENSION

VARITRONIX LIMITED

TITLE: SPECIFICATION OF MODULE
PROJECT NO: VLFM1793
CUSTOMER REF: N / A
TOLERANCE UNLESS OTHERWISE SPECIFIED: X.X ±0.3, X.XX ±0.1
DIMENSIONS IN MM
MATERIAL: N/A FINISH: N/A
SCALE: NOT TO SCALE OVERALL THK: N/A
THIRD ANGLE PROJECTION

	NAME	SIGN	DATE
DRAWN:	TIAN WEN ZHUAN		15.10.09
CHECKED:	TAN XIAO SONG		
APPROVED:	ICE CHEN		

ITEM NO.: VLFM1793-01
DESCRIPTION: VLFM1793-01 FOR SPEC
FILE NO: VLFM1793-01 R3 REV: 3
SHEET 1 OF 1