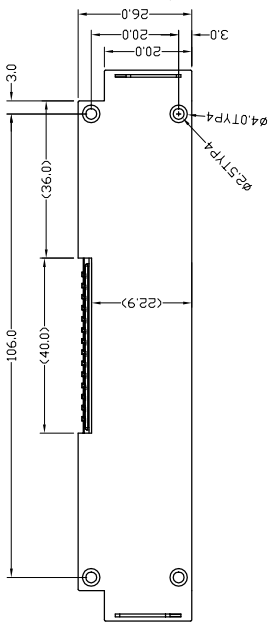
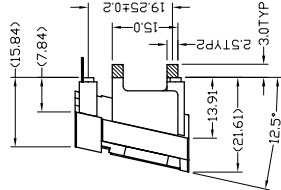
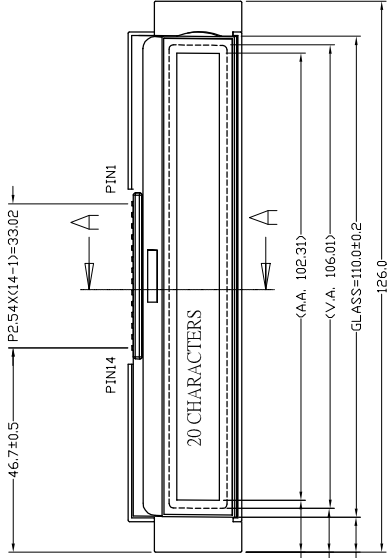
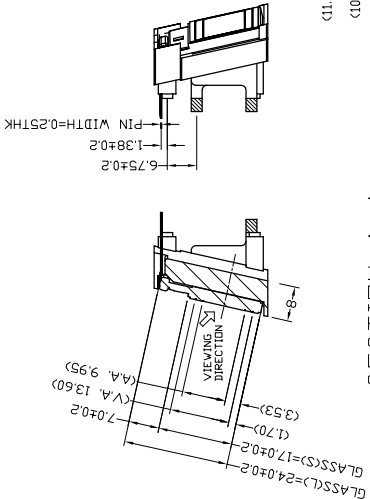
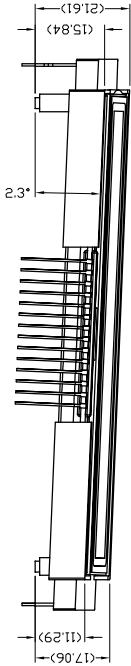
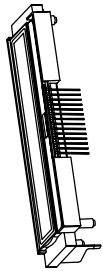


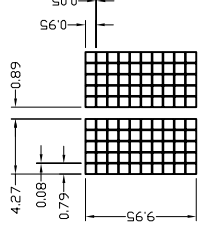
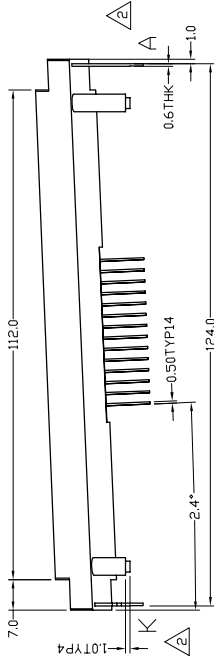
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PRELIMINARY

ISSUE	AMENDMENT	DATE
1	ADD DIMENSION	06-10-09
2	CHANGE BACKLIGHT SOLDERING PAD POSITION	06-10-13



SECTION A-A



LCD DOT SIZE (FOR CUSTOMER REFERENCE ONLY)

PARAMETER	MIN.	TYP.	MAX.
DISPLAY TYPE	STN. BACK-LITE TRANSMISSIVE		
DISPLAY RESOLUTION	20 CHARACTERS (HORIZONTAL)		
MULTI-BIT AND BAS. LEVEL	1 BIT (C & 14 BITS)		
LED CONTROL DRIVER	N-TYPE MOSFET		
LED VOLTAGE	SV		
OPERATING TEMPERATURE	-20°C to 70°C		
STORAGE TEMPERATURE	-30°C to 100°C		
TYPE	40		
COLOR	WHITE		
VIEWING ANGLE	40°		
DRIVING VOLTAGE	4.0/2.0/3.0V		
EMITTERS PER DOT (ON THE BACKLIGHT SURFACE)	1		
TYPE	40		
COLOR	WHITE		
WAVELENGTH	400/300/400nm		
DRIVING VOLTAGE	4.0/2.0/3.0V		
EMITTERS PER DOT (ON THE BACKLIGHT SURFACE)	1		

Pin assignment

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DB7	DB6	DB5	DB4	DB3	DB2	DB1	DB0	E	RW	RS	VDD	V5	GND	

- NOTES:
- 1: SPECIAL CHARACTERISTIC
 - 2: SAFETY CHARACTERISTIC
 - 3: CRITICAL DIMENSION
 - 4: REFERENCE DIMENSION

TITLE: LCM Module Specification
 PROJECT NO: COG-VLIT1232
 CUSTOMER REF: XXXXXXXXXXXX-XX
 TOLERANCE UNLESS OTHERWISE SPECIFIED: XX ±0.3, XXX ±0.1
 DIMENSIONS IN MM ANGULAR: ± 1°
 MATERIAL: N/A FINISH: N/A
 SCALE: DO NOT ON SCALE OVERALL THK: N/A
 THIRD ANGLE PROJECTION
 DRAWN: W.F.S. DATE: 06.10.13
 CHECKED: T.M.WONG
 APPROVED: CYRUS CHEUNG
 ITEM NO.: COG-VLIT1232-XX
 DESCRIPTION: COG-VLIT1232-XX SPEC.
 FILE NO: COG-VLIT1232-XX REV: 2
 SHEET 1 OF 1



VARITRONIX LIMITED