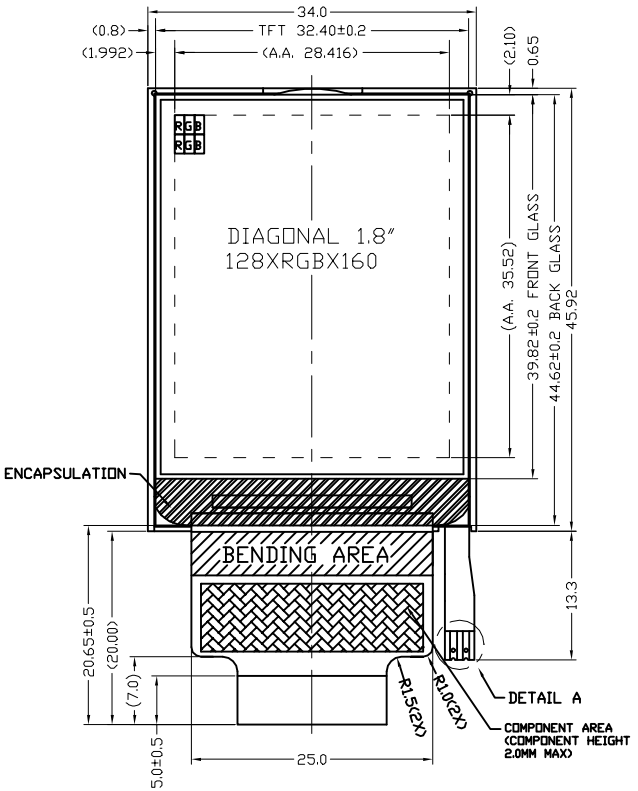
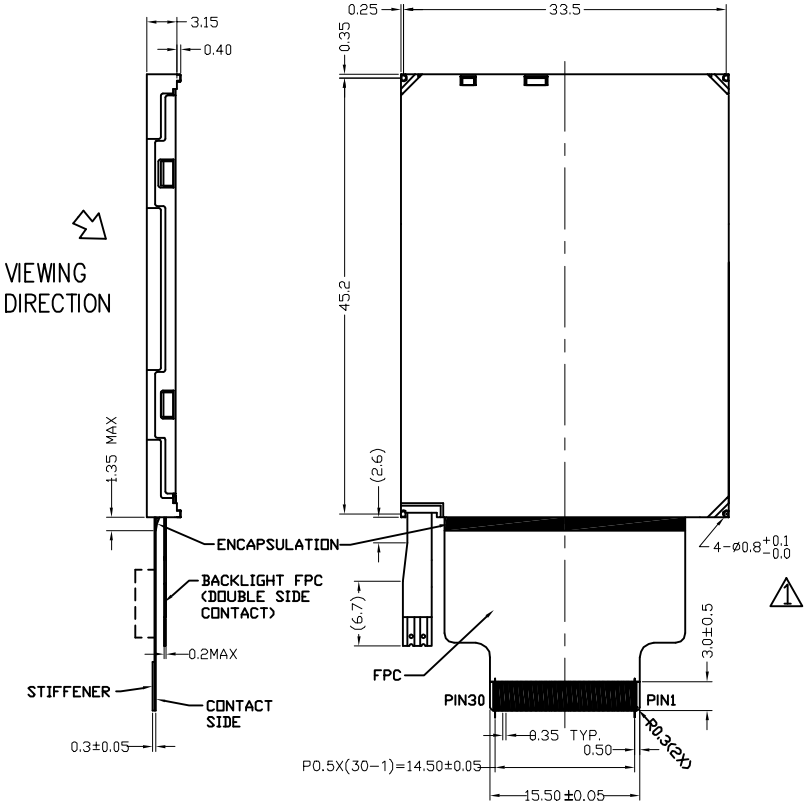
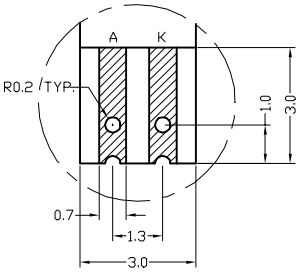
The information contained in this document is proprietary to VARITRONIX LTD. and shall be protected from any reproduction in part or as a whole without Varitronix's written approval.

PRELIMINARY

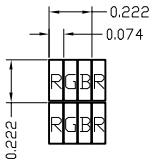
ISSUE	AMENDMENT	DATE
1	UPDATE INFORMATION	06.02.24







DETAIL A



(DOT SIZE FOR CUSTOMER REFERENCE ONLY)

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SYMBOL	GND	VCI	VCC	$\overline{CS}$	RS	$\overline{E/WR}$	$\overline{RW/RD}$	D0	D1	D2	D3	D4	D5	D6	D7

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	$\overline{RESET}$	IM3	IM1	IM0	NC	

DISPLAY TYPE	1.8" TFT, -VE, TRANSMISSIVE, 262K COLOR
DISPLAY RESOLUTION	128 X RGB X 160
VIEWING ANGLE	12 O' CLOCK
MUX RATIO	1/160 DUTY
LCD CONTROLLER/DRIVER	HX8310A
LOGIC VOLTAGE	2.8V
LCD DRIVING VOLTAGE	TBD
OPERATING TEMPERATURE	-10°C to +70°C
STORAGE TEMPERTURE	-20°C to +70°C
BACKLIGHT	TYPE: LED(s)
	COLOR: WHITE
	WAVELENGTH: TBD
	DRIVING VOLTAGE: ~10V
	LUMINANCE(CD/M2) (ON THE BACKLIGHT SURFACE): MIN. TBD; TYP. TBD; MAX. TBD
REMARK	THE BACKLIGHT HAS NOT BEEN TOOLED YET

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

VARITRONIX LIMITED

TITLE: SPECIFICATION OF MODULE

PROJECT NO:COG-T180MCH

TOLERANCE UNLESS OTHERWISE SPECIFIED: X.X ±0.3; X.XX ±0.1; ANGULAR: ± 1°

DIMENSIONS IN MM

MATERIAL: N/A | FINISH:

SCALE: DO NOT ON SCALE | OVERALL THK:

THIRD ANGLE PROJECTION

	NAME	SIGN	DATE
DRAWN:	CHAN KAM FAI		06.02.24
CHECKED:	TIM.WONG		
APPROVED:	K.P.HO		

ITEM NO.:COG-T180MCH-01

DESCRIPTION:COG-T180MCH-01 SPEC

FILE NO:COG-T180MCH-01 REV: 1

SHEET 1 OF 1