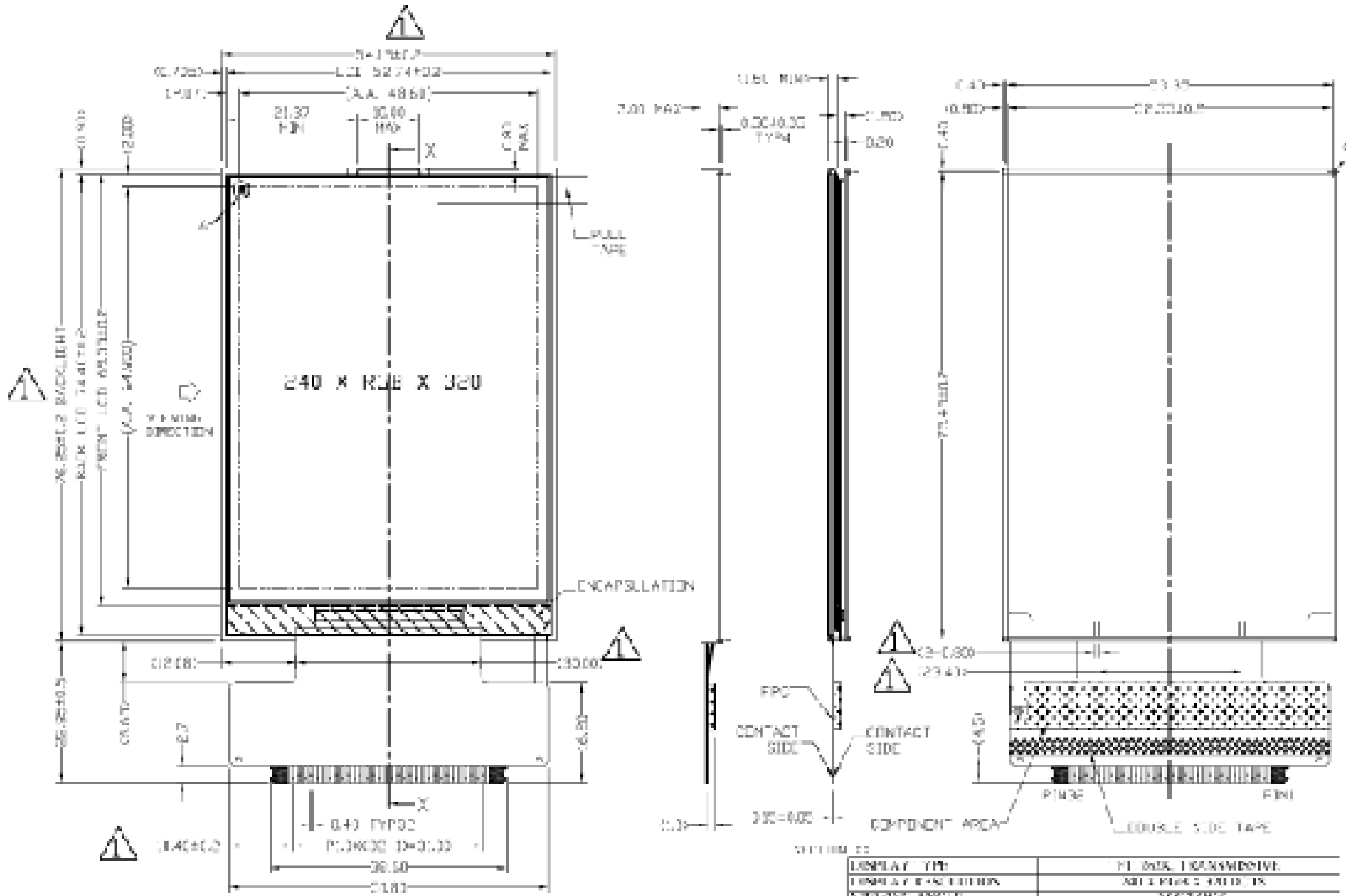
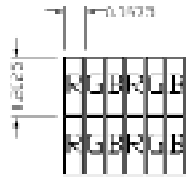
THE DRAWING OF THIS PRINT AND INFORMATION THEREON ARE PROPRIETARY TO VARITRONIX AND SHALL NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF VARITRONIX.

ISSUE	AMENDMENT	DATE
6	UPDATE DRAWING	06.09.21





DETAIL A
(DOT SIZE FOR CUSTOMER REFERENCE ONLY)

DISPLAY TYPE	TFT, 262K, TRANSMISSIVE [?]		
DISPLAY RESOLUTION	240 x RGB x 320 [?]		
VIEWING ANGLE	6 O'CLOCK		
MUX RATIO	1/320 DUTY		
LCD CONTROLLER/DRIVER	SSD 2119 [?]		
LOGIC VOLTAGE	3.3V		
OPERATING TEMPERATURE	-20°C to +70°C		
STORAGE TEMPERATURE	-30°C to +80°C		
BACKLIGHT	COLOR	WHITE	
	DRIVING VOLTAGE	~19.2V@20mA [?]	
	LUMINANCE (CD/M2) (ON THE BACKLIGHT SURFACE)	MIN	1000 [?]
		TYP	1500 [?]
		MAX	–

PIN ASSIGNMENT:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
VCC	VCI	GND	GND	/CS	RS	/WR	/RD	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7
17	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**
DB8	DB9	DB10	DB11	DB12	DB13	DB14	DB15	DB16	DB17	/RESET	PS0	PS1	PS2	K	A

NOTES:

1. ◇ : SPECIAL CHARACTERISTIC
2. △ : SAFETY CHARACTERISTIC
3. ⊕ : CRITICAL DIMENSION
4. ( ) : REFERENCE DIMENSION

VARITRONIX LIMITED

TITLE: LCM MODULE SPECIFICATION			
PROJECT NO: COG-T320MHQB			
CUSTOMER REF: N/A			
TOLERANCE UNLESS OTHERWISE SPECIFIED: X.X ±0.3, X.XX ±0.1, ANGULAR ±1°			
DIMENSIONS IN MM			
MATERIAL: N/A	FINISH: N/A		
SCALE: DO NOT DR SCALE	OVERALL THK: N/A		
THIRD ANGLE PROJECTION			
	NAME	SIGN	DATE
DRAWN:	TAN ZH		06.09.21
CHECKED:	CHEN ICE		
APPROVED:	ALFRED CHAN		
ITEM NO.: COG-T320MHQB-01			
DESCRIPTION: COG-T320MHQB-01			
FILE NO: COG-T320MHQB-01	REV: 1		
SHEET 1 OF 1			