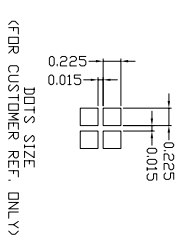
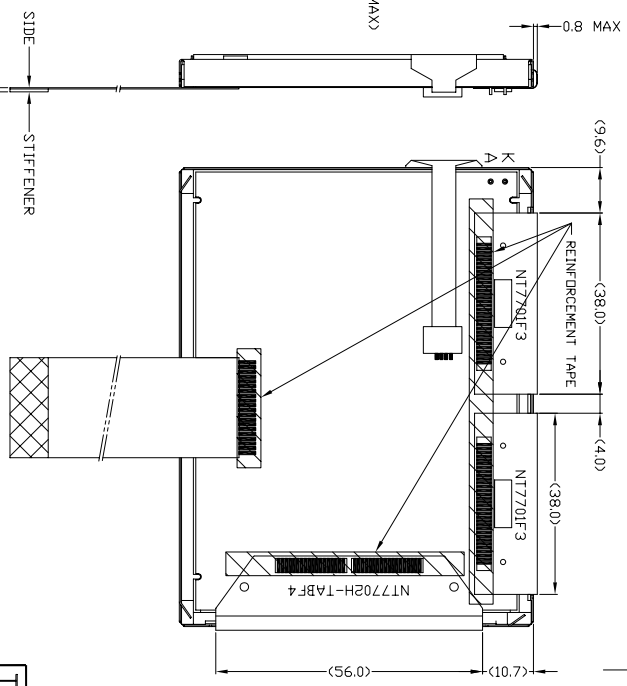
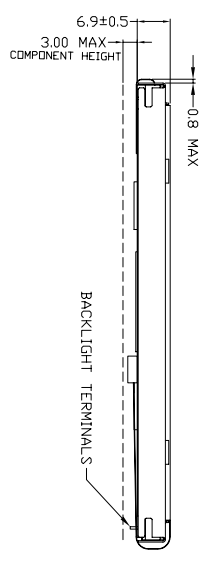
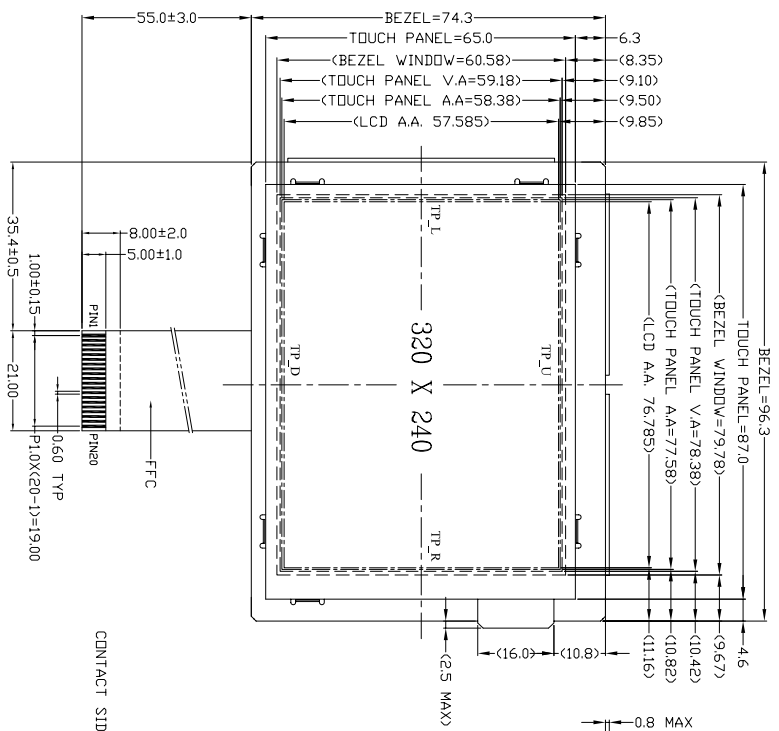


THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO VARRTRONIX AND SHALL NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF VARRTRONIX.



PIN ASSIGNMENT:

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SYMBOL	FLM	M	CL1	CL2	D-OFF	DB0	DB1	DB2	DB3	VDD	VSS	VEE	VSS	NC	A	K	TP_R	TP_D	TP_L	TP_U

- NOTES:
- 1. ◊ : SPECIAL CHARACTERISTIC
 - 2. + : SAFETY CHARACTERISTIC
 - 3. * : CRITICAL DIMENSION
 - 4. () : REFERENCE DIMENSION

DISPLAY TYPE	ESTN. B&W, +VE, TRANSPARENT
DISPLAY RESOLUTION	320 X 240
VIEWING ANGLE	6 O'CLOCK
MUX RATIO AND BIAS LEVEL	1/240
LED DRIVER	N17701 X 2, N17702 X1
LOGIC VOLTAGE	3.0 V
LCD DRIVING VOLTAGE	TBD
OPERATING TEMPERATURE	0°C TO +50°C (EXCEPT TOUCH PANEL)
STORAGE TEMPERATURE	-20°C TO +70°C (EXCEPT TOUCH PANEL)
BACKLIGHT	TYPE: LED05(4LEDS) COLOR: WHITE WAVELENGTH: NA DRIVING CIRCUIT: 3.2 V@20 mA LUMINANCE (cd/m ²): Min. ---, Typ. 100, Max. --- (ON THE BACKLIGHT SURFACE)

VARRTRONIX LIMITED

ISSUE	AMENDMENT	DATE

TITLE: LCM Module Specification
PROJECT NO.: PDA320240D
CUSTOMER REF:
TOLERANCE UNLESS OTHERWISE SPECIFIED: XX ±0.3, XXX ±0.1
DIMENSIONS IN MM ANGL. AR. ± 1°
MATERIAL: N/A FINISH: N/A
SCALE: 3D NOT ON SCALE OVERALL THK: N/A
THIRD ANGLE PROJECTION
DRAWN: W T YANG SIGN DATE 07.01.30
CHECKED: LED CHEN
APPROVED: Y L LAW
ITEM NO.: PDA320240D-04
DESCRIPTION: PDA320240D-04 SPEC.
FILE NO.: PDA320240D-04 R01DWG REV: 0
SHEET 1 OF 1