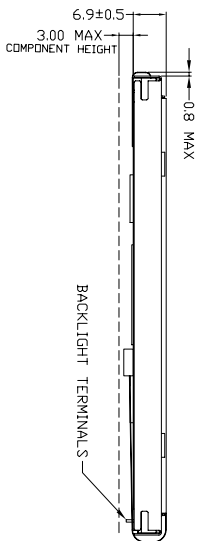
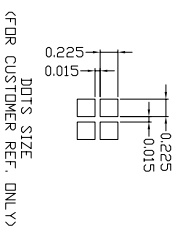
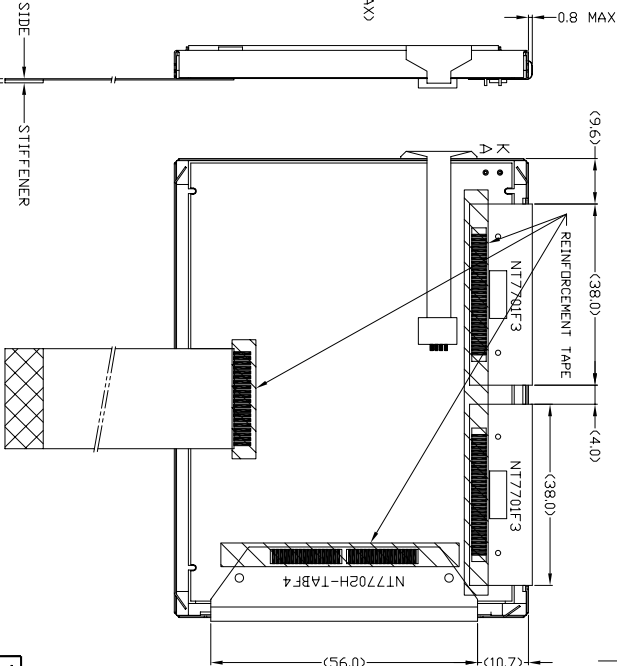
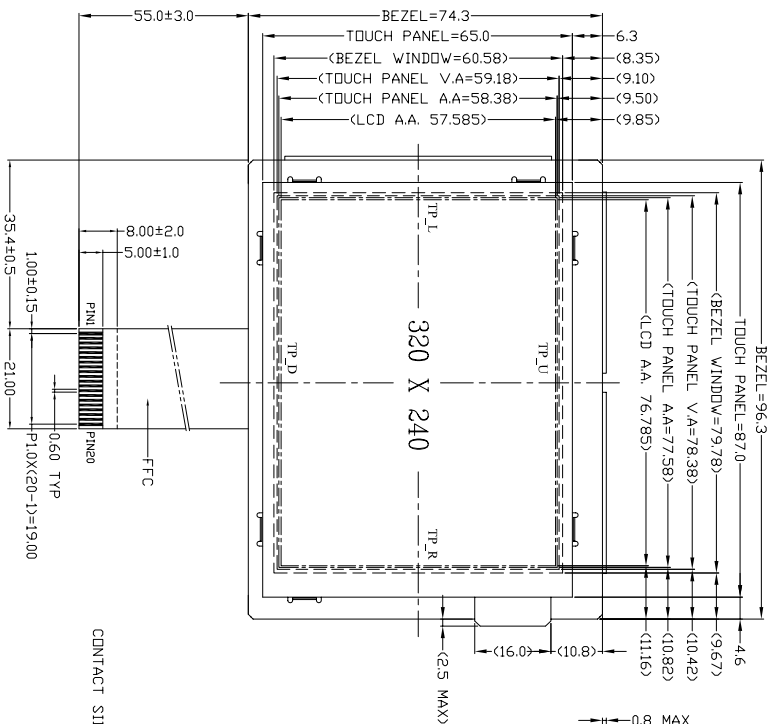


THE DRAWING ON THIS PRINT AND INFORMATION THEREON ARE PROPRIETARY TO VARIITRONIX AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF VARIITRONIX.



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                               |
| LCD 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                           | LEDs (4 LEDs)                       |
| COLOR                          | WHITE                               |
| WAVELENGTH                     | NA                                  |
| DRIVING CIRCUIT                | 3.2 V@20 mA                         |
| LUMINANCE (cd/m <sup>2</sup> ) | Min. --                             |
| (ON THE BACKLIGHT SURFACE)     | Typ. 100                            |
|                                | Max. --                             |

VARIITRONIX LIMITED



TITLE: LCM Module Specification  
PROJECT NO: PDA320240D  
CUSTOMER REF: IN / A

TOLERANCE UNLESS OTHERWISE SPECIFIED:

XX ±0.3  
XXX ±0.1  
DIMENSIONS IN MM  
ANGULAR ±1°

MATERIAL: N/A  
FINISH: N/A

SCALE: DO NOT DR SCALE  
OVERALL THK: N/A

THIRD ANGLE PROJECTION

NAME SIGN DATE

DRAWN: WT YANG

CHECKED: LED CHEN

APPROVED: YL LAW

ITEM NO.: PDA320240D-04

DESCRIPTION: PDA320240D-04 SPEC.

FILE NO: PDA320240D-04 R01DWG/REV: 0

SHEET 1 OF 1

| ISSUE | AMENDMENT | DATE |
|-------|-----------|------|
|       |           |      |
|       |           |      |
|       |           |      |