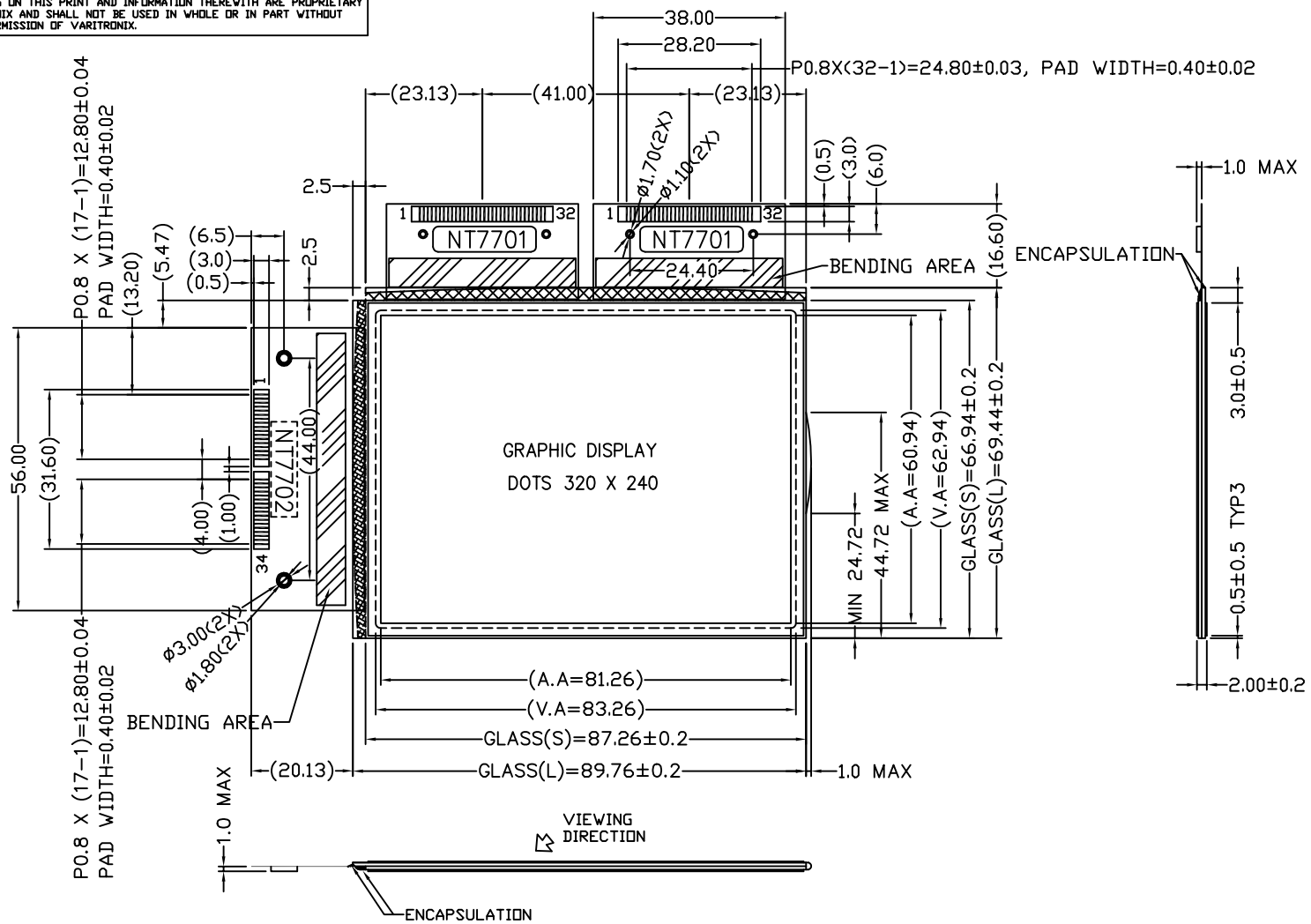
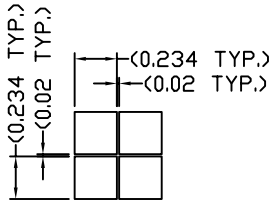
THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO VARITRONIX AND SHALL NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF VARITRONIX.

ISSUE	AMENDMENT	DATE





(DOT SIZE FOR CUSTOMER REFERENCE)

Display Type	Reflective, B&W, ZBD
Display Resolution	320x240
Viewing Angle	3 O'CLOCK
Mux ratio and bias level	TBD
LCD Controller/Driver	NT7701F3 TAB x 2 , NT7702F4 TAB
Logic Voltage (V)	3.3V~5V
LCD Driving Voltage	15 ~ 20V
Operation Temperature	0C° to +40 C°
Storage Temperature	-20 C° to +70 C°

NT7701F3 TAB Pin assignment

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Name	Dummy	V0L	V12L	V43L	V5L	VSS	L/$\overline{R}$	VDD	S/C	EIO2	D0	D1	D2	D3	D4	D5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
D6	D7	XCK	$\overline{DISPOFF}$	LP	EIO1	FR	MD	TEST1	TEST2	VSS	V5R	V43R	V12R	V0R	Dummy

NT7702N TAB Pin Assignment

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Name	Dummy	V0L	V0L	V12L	V43L	V5L	VSS	VDD	S/$\overline{C}$	EIO2	D0	D1	D2	D3	D4	D5

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
D6	D7	XCK	$\overline{DISPOFF}$	LP	EIO1	FR	L/$\overline{R}$	MD	NC	VSS	NC	V5R	V43R	V12R	V0R	V0R	DUMMY

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

VARITRONIX LIMITED

TITLE: LCM Module Specification

PROJECT NO: ZBD320240C-01

CUSTOMER REF: XXXXXXXXX-XX

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 ON SCALE OVERALL THK: N/A

THIRD ANGLE PROJECTION

	NAME	SIGN	DATE
DRAWN:	W.F.SO		06.01.13
CHECKED:	DANIEL.POON		
APPROVED:	K.P.HO		

ITEM NO.: ZBD320240C-01

DESCRIPTION: ZBD320240C-01 SPEC.

FILE NO: ZBD320240C-01 REV: 0

SHEET 1 OF 1