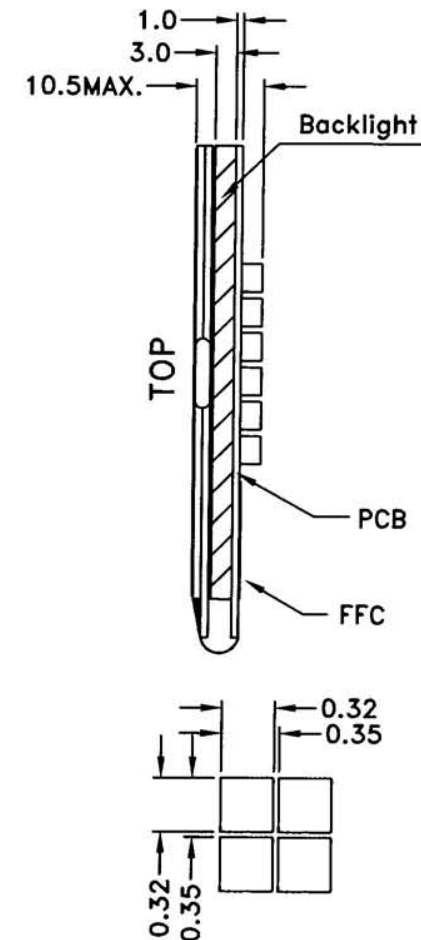
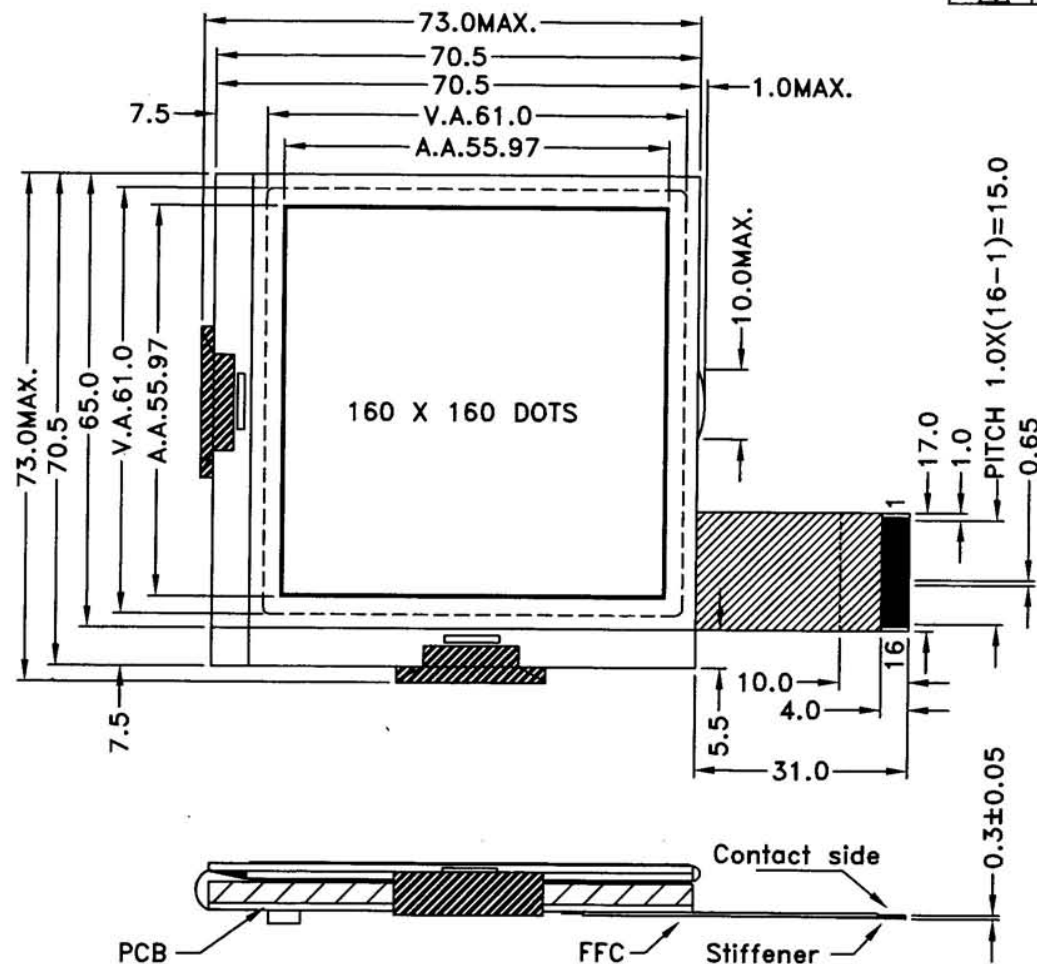
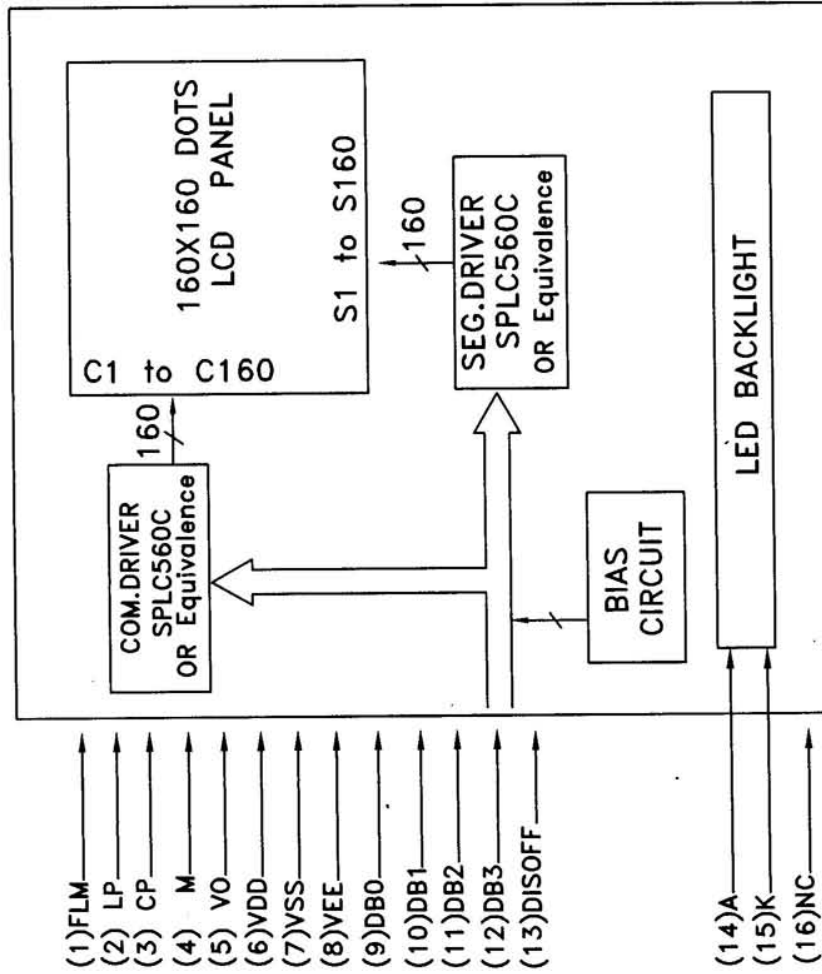


MARK	REASON	PREPARED	DATE
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TOLERANCE IF NOT SPECIFY ±0.5mm		SCALE N.T.S.	UNIT IN mm	MULTI-INNO TECHNOLOGY CO.,LTD.			SHEET 1 OF 3	
REV.	REVISION RECORD		DATE	CUSTOMER		APPROVED	MODEL NO. MI160160G-G	
00	1ST ISSUE		15 DEC 06	STANDARD			TITLE: MODULE DIMENSION	
				AGENT		APPROVED	DRAWN BY: DATE :15 DEC 06	
							CHECKED BY : DATE :	
				CUSTOMER REF.		OUR REF.	APPROVED BY : DATE :	



PIN NO.	SYMBOL	FUNCTION
1	FLM	First line marker
2	LP	Data latch signal
3	CP	Clock signal for shifting data
4	M	Alternating signal for LCD drive
5	VO	LCD contrast adjustment
6	VDD	Supply voltage for logic
7	VSS	Ground
8	VEE	Supply voltage for LCD
9	DB0	Data bus line
10	DB1	Data bus line
11	DB2	Data bus line
12	DB3	Data bus line
13	DISPOFF	Display off
14	A	Supply voltage for backlight (+VE)
15	K	Supply voltage for backlight (-VE)
16	NC	No connect

TOLERANCE IF NOT SPECIFY ±0.5mm		SCALE N.T.S.	UNIT IN mm	MULTI-INNO TECHNOLOGY CO., LTD.		SHEET 2 OF 3
REV.	REVISION RECORD	DATE	CUSTOMER	APPROVED	MODEL NO.	MI160160G-G
00	1ST ISSUE	15 DEC 06	AGENT	APPROVED	TITLE: PIN OUT & BLOCK DIAGRAM	
					DRAWN BY:	DATE : 15 DEC 06
					CHECKED BY :	DATE :
					OUR REF. X9030	APPROVED BY : DATE :

1. General specification
 - Display mode : 160 X 160 Dots, COG Graphic LCD module
 - Interface : 4 bit parallel
 - Driving method : 1/160 duty , 1/13 bias
2. Electrical specification
 - Supply voltage for logic (VDD) : 5.0 V
 - Supply voltage for LCD (VEE) : 25.0 V
 - LCD contrast adjustment (VO) : 19.7 V
3. Mechanical specification
 - Dot size : 0.32 (L) X 0.32 (W)
 - Dot pitch : 0.35 (L) X 0.35 (W)
 - Viewing area : 61.0 (L) X 61.0 (W)
 - Module dimension : 73.0MAX. (L) X 73.0MAX. (W) X 10.5MAX. (H)
4. Backlight specification
 - Backlight type : LED side-lited
 - Backlight color : White
 - Supply voltage for backlight : 5.0V@90mA

TOLERANCE IF NOT SPECIFY ±0.5mm		SCALE N.T.S.	UNIT IN mm	MULTI-INNO TECHNOLOGY CO.,LTD.		SHEET 3 OF 3
REV.	REVISION RECORD			CUSTOMER	APPROVED	MODEL NO. MI160160G-G
00	1ST ISSUE		DATE 15 DEC 06	STANDARD		TITLE: SPECIFICATION
				AGENT	APPROVED	DRAWN BY: DATE : 15 DEC 06
						CHECKED BY : DATE :
				CUSTOMER REF.	OUR REF. X9030	APPROVED BY : DATE :