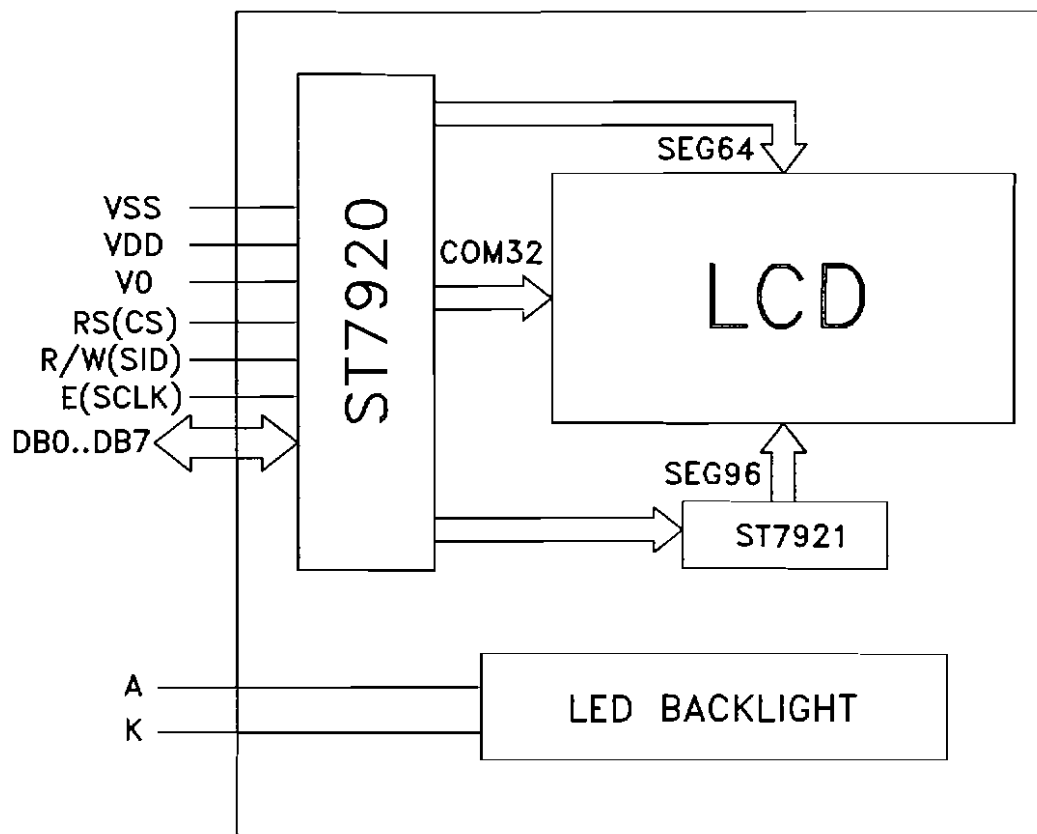


SCALE: 20:1

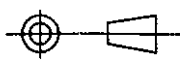
TOLERANCE IF NOT SPECIFY ±0.2mm		SCALE NOT ON SCALE	UNIT IN mm	MULTI-INNO TECHNOLOGY CO.,LTD.			SHEET 1 OF 3	
REV.	REVISION RECORD		DATE	CUSTOMER	APPROVED	MODEL NO. MI16032B-G		
00	1st ISSUE		03-APR-09	STANDARD		TITLE: DIMENSION		
				AGENT	APPROVED	DRAWN BY:		DATE : 09.04.03
						CHECKED BY :		DATE : 09.12.24
				CUSTOMER REF.	OUR REF.	APPROVED BY :		DATE : 09.12.24



PIN NO.	SYMBOL	FUNCTION
1	VSS	Ground
2	VDD	Supply voltage for logic
3	V0	Operating voltage for LCD
4	R/S(CS)	H:Data L:Instruction Code
5	R/W(SID)	H:Read L:Write
6	E(SCLK)	Enable signal
7	DB0	Data bus
8	DB1	
9	DB2	
10	DB3	
11	DB4	
12	DB5	
13	DB6	
14	DB7	
15	A	Backlight anode(+5V)
16	K	Backlight cathode(0V)

TOLERANCE IF NOT SPECIFY $\pm 0.2\text{mm}$ SCALE NOT ON SCALE UNIT IN mm

MULTI-INNO TECHNOLOGY CO.,LTD.


SHEET 2 OF 3

REV.	REVISION RECORD	DATE
00	1st ISSUE	03-APR-09

CUSTOMER STANDARD
AGENT
CUSTOMER REF.

APPROVED
APPROVED
OUR REF.

MODEL NO. MI16032B-G
TITLE: PINOUT & BLOCK DIAGRAM
DRAWN BY: DATE : 09.04.03
CHECKED BY : DATE : 09.12.24
APPROVED BY : DATE : 09.12.24

1.General specification

Display mode : 160 X 32 Dots Graphic COB LCD Module
 Interface : 4-bit or 8-bit parallel or serial
 Driving method : 1/32 duty , 1/6 bias

2.Electrical specification

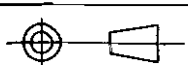
Supply voltage for logic(VDD) : 5.0V
 Input voltage for LCD (VO) : 5.0V

3.Mechanical specification

Dot size[mm] : 0.55(L)x0.56(W)
 Dot pitch[mm] : 0.59(L)x0.6(W)
 Viewing area[mm] : 99.0(L)x24.0(W)
 Module dimension[mm] : 122.0(L)x44.0(W)x13.6MAX.(H)

4.Backlight specification

Backlight type : Array/Side-lited LED backlight
 Backlight color : YELLOW GREEN/WHITE
 Backlight voltage : 5.0V@240mA/5.0V@90mA



TOLERANCE IF NOT SPECIFY ±0.2mm		SCALE NOT ON SCALE	UNIT IN mm	MULTI-INNO TECHNOLOGY CO.,LTD.		SHEET 3 OF 3	
REV.	REVISION RECORD		DATE	CUSTOMER	APPROVED	MODEL NO. MI16032B-G	
00	1st ISSUE		03-APR-09	STANDARD		TITLE: SPECIFICATION	
				AGENT	APPROVED	DRAWN BY:	DATE : 09.04.03
						CHECKED BY :	DATE : 09.12.24
				CUSTOMER REF.	OUR REF.	APPROVED BY :	DATE : 09.12.24