

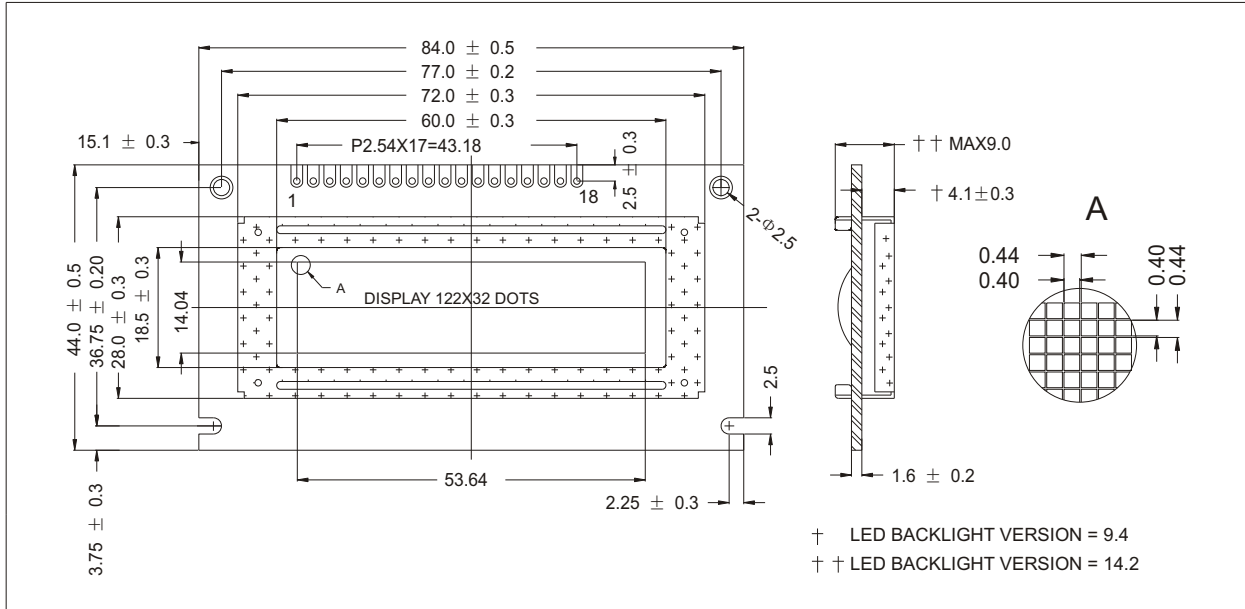


STANDARD GRAPHIC MODULES

OLG122032AY01

122 x 32 DOTS
1/32 DUTY, 1/5 BIAS

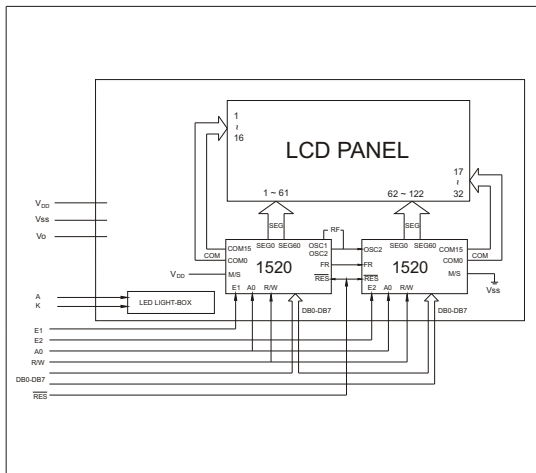
1 EXTERNAL DIMENSION AND DISPLAY PATTERN



2 MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size(WXHXT)	84.0 x 44.0 x 9.0 (LED:14.2)	mm
Viewing Area(WXH)	60.0 x 18.5	mm
Number of Dots	122 x 32	dots
Dot Pitch (WXH)	0.44 x 0.44	mm
Dot Size(WXH)	0.4 x 0.4	mm

3 BLOCK DIAGRAM



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PIN	SYMBOL	LEVEL	SIGNAL DESCRIPTION
1	V _{SS}	0V	GND(0V)
2	V _{DD}	+5V	Supply Voltage for Logic and LCD
3	V ₀	-	Operating Voltage for LCD (Variable)
4	A0	H/L	Register Select-LOW=Instruction,HIGH=Data
5	E1	H/L	Eable R/W=LOW:Data are talkingover at falling edge R/W=HIGH:Data can be read at E=1
6	E2		
7	R/W	H/L	Read/Write LOW=MPU to LCM,HIGH=Data
8	DB0	H/L	Data Bit 0
9	DB1	H/L	Data Bit 1
10	DB2	H/L	Data Bit 2
11	DB3	H/L	Data Bit 3
12	DB4	H/L	Data Bit 4
13	DB5	H/L	Data Bit 5
14	DB6	H/L	Data Bit 6
15	DB7	H/L	Data Bit 7
16	/RES	H/L	Reset Signal
17	A	Anode of LED Unit	
18	K	Cathode of LED Unit	

5 ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
Supply Voltage Logic	V _{DD} -V _{SS}	-0.3	8.0	V
Supply Voltage Driver	V _{CC} -V ₀	-0.3	16.5	V
Input Voltage	V _{IN}	-0.3	V _{DD} +0.3	V

Operating Temp.	See page 9
Storage Temp.	