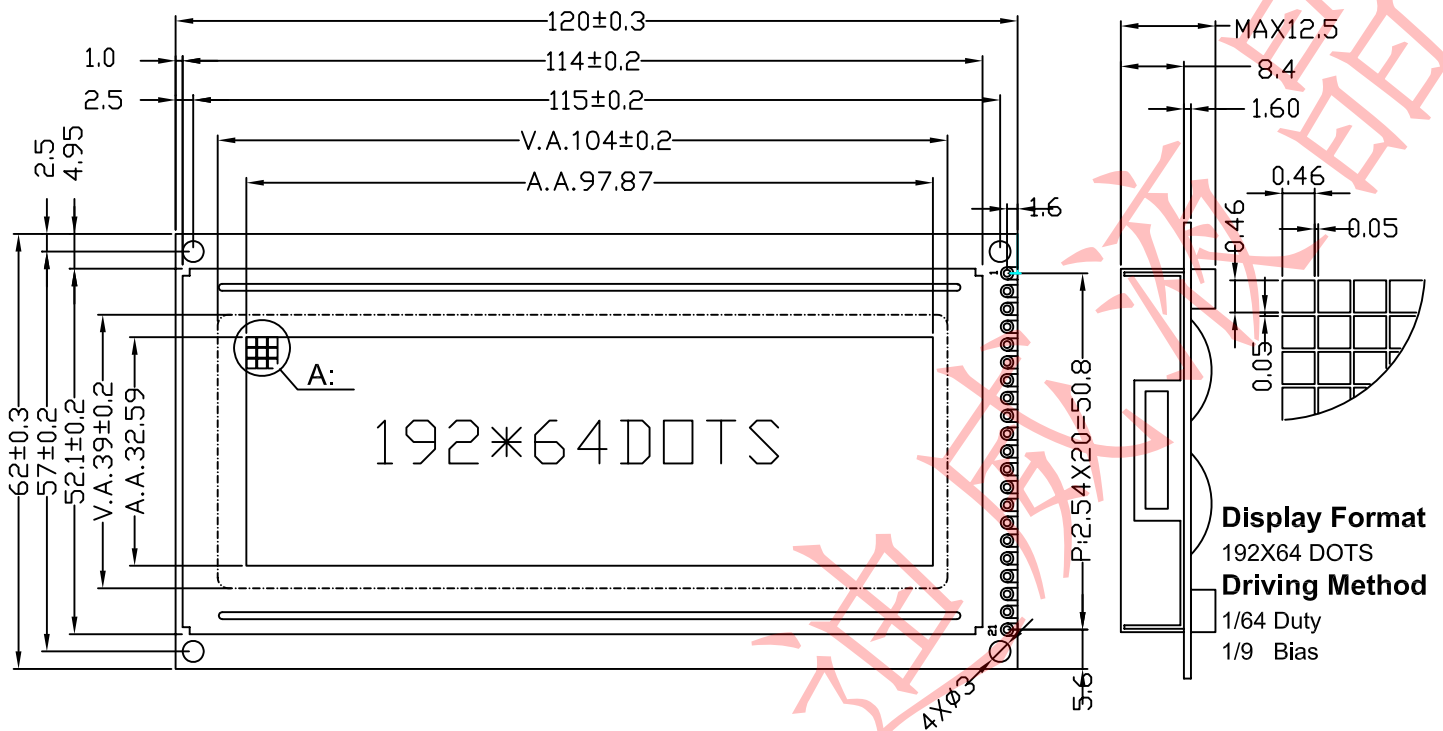


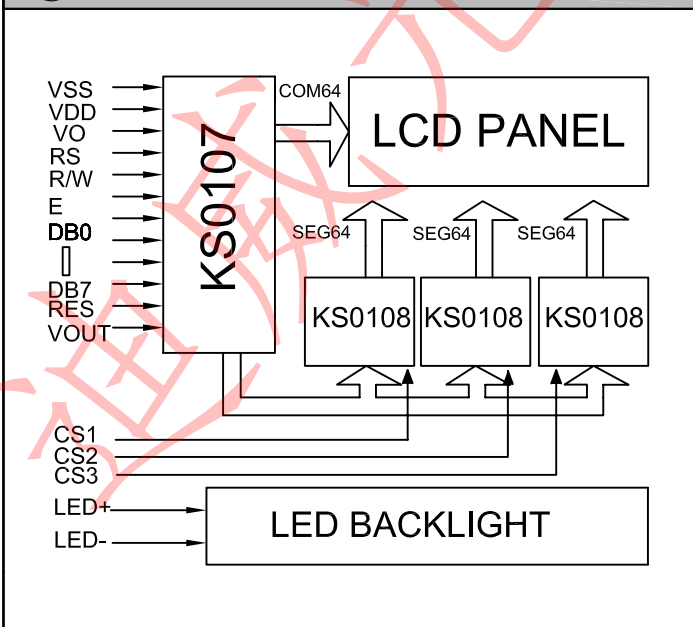
① PHYSICAL DIMENSION



② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size With B/L (W X H X T)	120.0 X 62.0 X 12.5	mm
Viewing Area (W X H)	104 X 39	mm
Number of Dots (W X H)	192 X 64	dots
Dot Pitch (W X H)	0.51 X 0.51	mm
Dot Size (W X H)	0.46 X 0.46	mm
Weight	90.0 (With B/L)	g

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	SYMBOL	DESCRIPTION	
1	VSS	Power ground	
2	VDD	Power positive (+5V±10%).	
3	V0	Operating voltage for LCD Driver(variable)	
4	VOUT	Negative Volt Output	
5	RS	H:Data L:Instruction Code	
6	R/W	Read/Write signal	
7	E	Enable trigger	
8	DB0	Data bus [0~7]. There state I/O common terminal.	
15	DB7		
16	CS1		Chip 1 Select Low Active
17	CS2		Chip 2 Select Low Active
18	CS3		Chip 3 Select Low Active
19	RES		Reset Signal
20	LED-K		Backlight Anode(0V) .
21	LED+A		Backlight Cathode(+5V) .

⑤ ABSOLUTE MAXIMUM RATINGS (25°C)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
SUPPLY VOLTAGE LOGIC	VDD	0	5.5	V
SUPPLY VOLTAGE DRIVER	VDD-V0	0	15	V
INPUT VOLTAGE	VIN	0	VDD	V