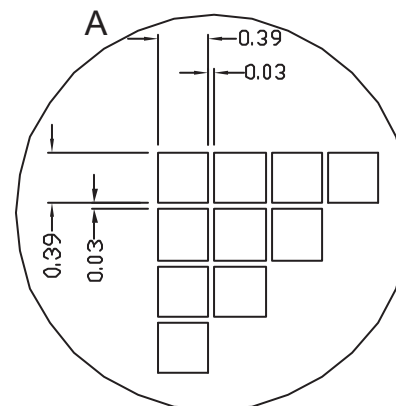
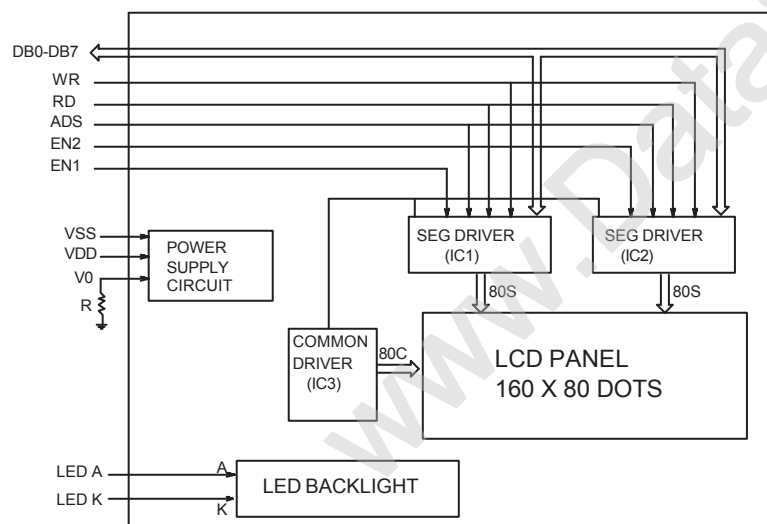
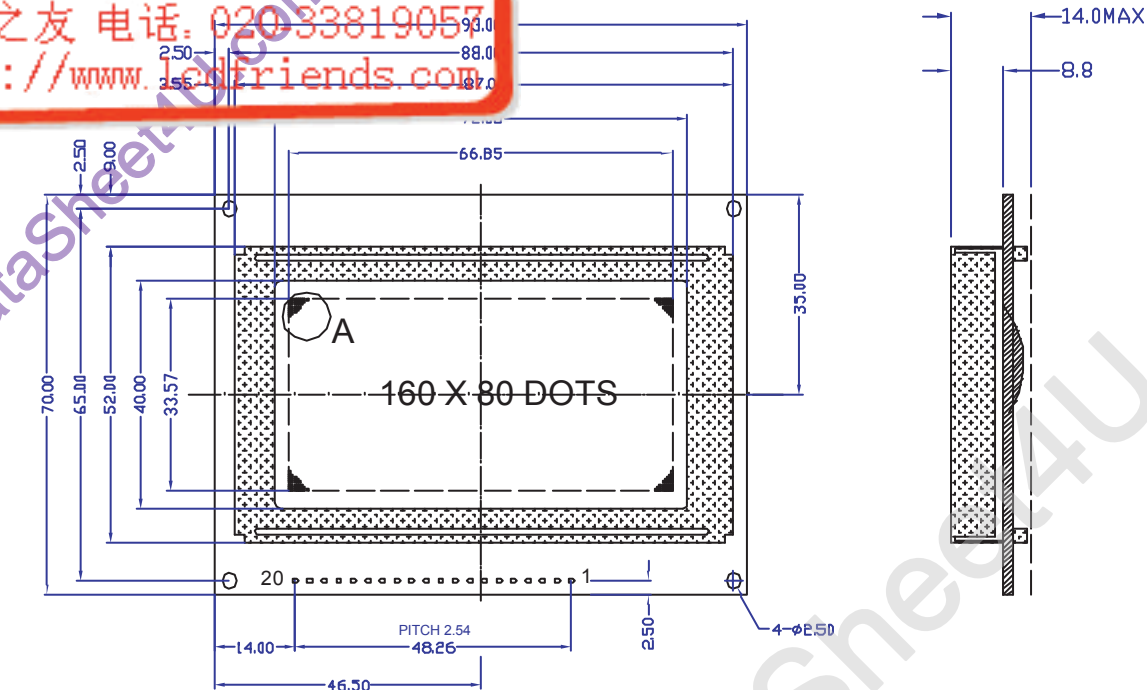


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REVISIONS

NO.	DATE	BY	DESCRIPTION
1	04/05/28	A.CH	NEW RELEASE
2			

PINS ASSIGNMENT

NO.	SYMBOL	DESCRIPTION
1	VSS	GROUND
2	VDD	POWER SUPPLY
3	V0	OPERATING VOLTAGE FOR LCD
4	/WR	WRITE SIGNAL
5	/RD	READ SIGNAL
6	/CE	CHIP ENABLE SIGNAL
7	C/D	COMMAND/DATA SELECTION
8	/RST	RESET SIGNAL
9-16	DB0-DB7	DATA BUS
17	FS	FONT SELECTION (L: 8X8, H: 6X8)
18	VEE	NEGATIVE VOLTAGE OUTPUT/INPUT (<-10V)
19	A	POWER SUPPLY FOR LED BACKLIGHT(+)
20	K	POWER SUPPLY FOR LED BACKLIGHT(-)

ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY (LOGIC)	VDD-VSS	0	6.0	V
POWER SUPPLY (LCD DRV.)	V0-VSS	0	18.0	V
INPUT VOLTAGE	Vi	Vi	VDD	V

ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	2.7	3.0	5.5	V
SUPPLY CURRENT	IDD	-	8.7	-	mA
LCD OPERATING VOLTAGE	0C	-	12.5	-	V
	25C	-	12.0	-	V
	40C	-	10.5	-	V
INPUT VOLTAGE	H ViH	0.7VDD	-	VDD	V
	L ViL	0	-	0.3VDD	V

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	93.0W x 70.0H x 14.0T	MM
VIEWS AREA	72.0W x 40.0H	MM
DOT NUMBER	160 x 80	DOTS
DOT SIZE	0.39W x 0.39H	MM
DOT PITCH	0.42W x 0.42H	MM

OPTIONS

- LCD TYPE: YELLOW/GREEN STN; ANTI-UV
- BACKLIGHT: LED;
- COLOR OF BACKLIGHT: YELLOW/GREEN
- OPERATING TEMPERATURE RANGE: EXTENDED (-20~70C); STORAGE TEMPERATURE RANGE: EXTENDED (-30~80C);
- POWER SUPPLY: ON BOARD DC/DC;
- VIEWS ANGLE: 6H;