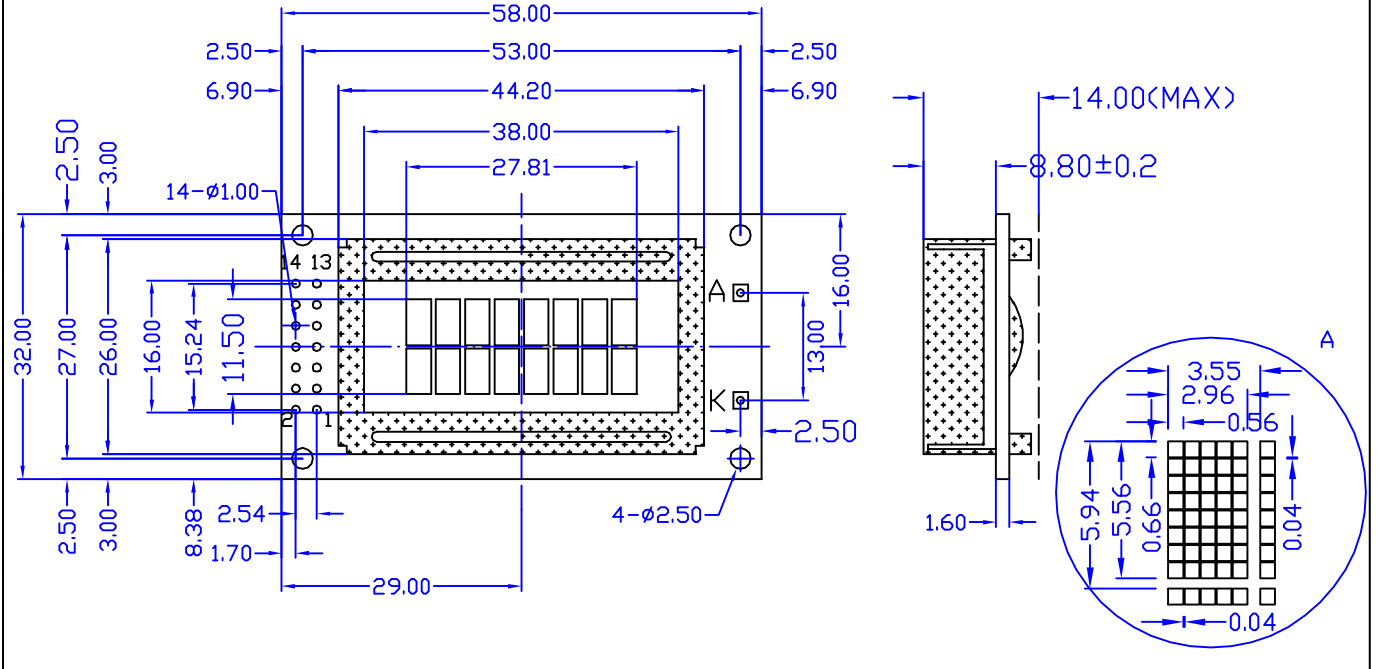


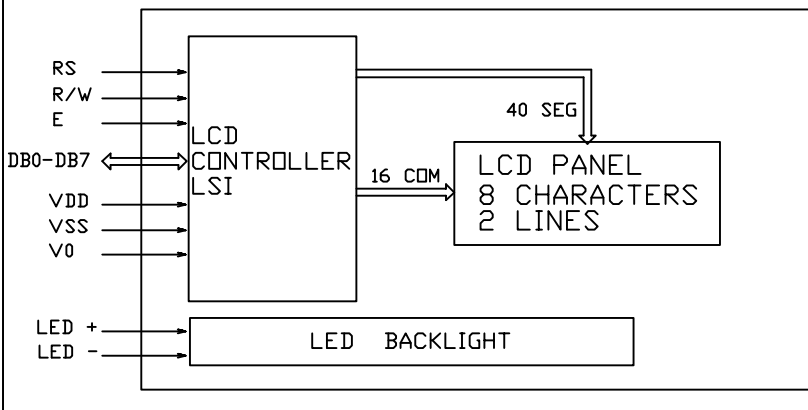
CUSTOMER'S APPROVED:

DATE:

REVISIONS		
NO.	DATE	BY DESCRIPTION
1.	06/06/18	Qing NEW RELEASE



Block Diagram



Feature

- BUILT IN CONTROLLER: SPLC780D
- POWER SUPPLY: 5.0V
- LCD TYPE: YELLOW/GREEN STN, TRANSFLECTIVE
- BACKLIGHT: LED BOTTOM BACKLIGHT
- COLOUR OF BACKLIGHT: YELLOW/GREEN
- 5X8 DOTS WITH CURSOR
- VIEWING ANGLE: 6 O'CLOCK
- TEMPERATURE RANGE: EXTENDED (-20--70)
- LOW CONSUMPTION, LOW VOLTAGE, HIGH CONTRAST

Mechanical Data

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	58.0W x 32.0H x 14.0T	MM
VIEWING AREA	38.0W x 16.0H	MM
DOT NUMBER	8 CHARACTERS X 2 LINES	DOTS
DOT SIZE	2.95W x 5.56H	MM
DOT PITCH	3.55W x 5.94H	MM

Pin Assignment

NO.	SYMBOL	DESCRIPTION
1	VSS	GROUND
2	VDD	POWER SUPPLY FOR LOGIC AND LCD
3	V0	OPERATING VOLTAGE FOR LCD
4	RS	DATA/INSTRUCTION SELECT
5	R/W	READ/WRITE CONTROL
6	E	ENABLE SIGNAL
7--14	DB0--DB7	DATA BUS

Absolute Maximum Rating

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LCD DRV.)	VDD-V0	0	18.0	V
INPUT VOLTAGE	Vi	Vi	VDD	V

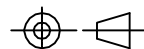
Electrical Characteristics

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	1.0	2.2	mA
LCD OPERATING VOLTAGE	VDD-V0	0C	5.0	-	V
		25C	4.7	-	V
		40C	4.4	-	V
INPUT VOLTAGE	H VIH	0.7VDD	-	VDD	V
	L VIL	0	-	0.3VDD	V

DESCRIPTION: C/D Distar technology Limited

GENERAL TOL: ±0.2 www.distarltd.com Drw wxr

DO NOT SCALE THIS DRAWING.



Unit:mm

Chk
Apv

DS-C0802A-YFSDYE-NAA