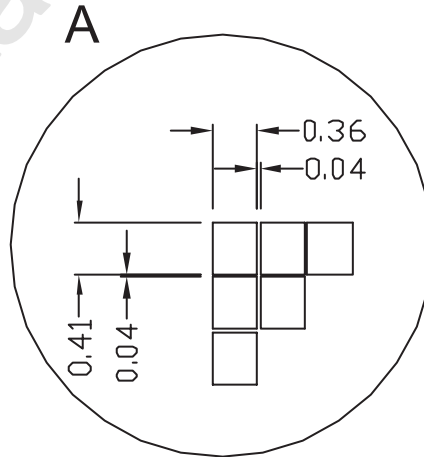
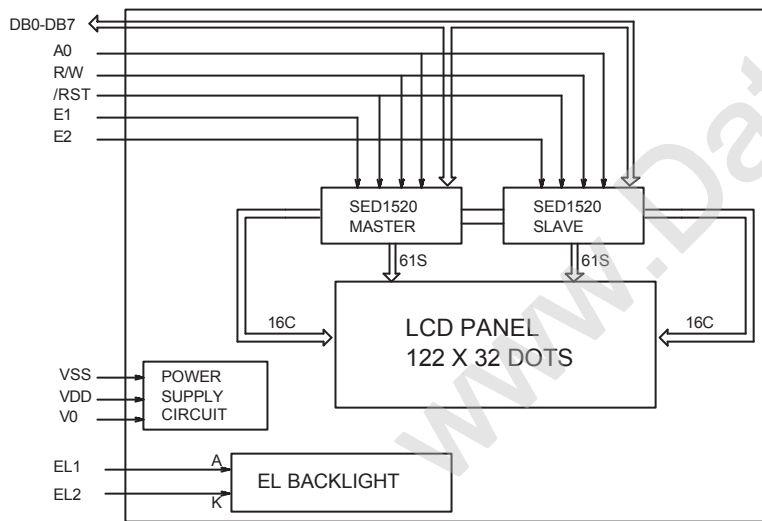
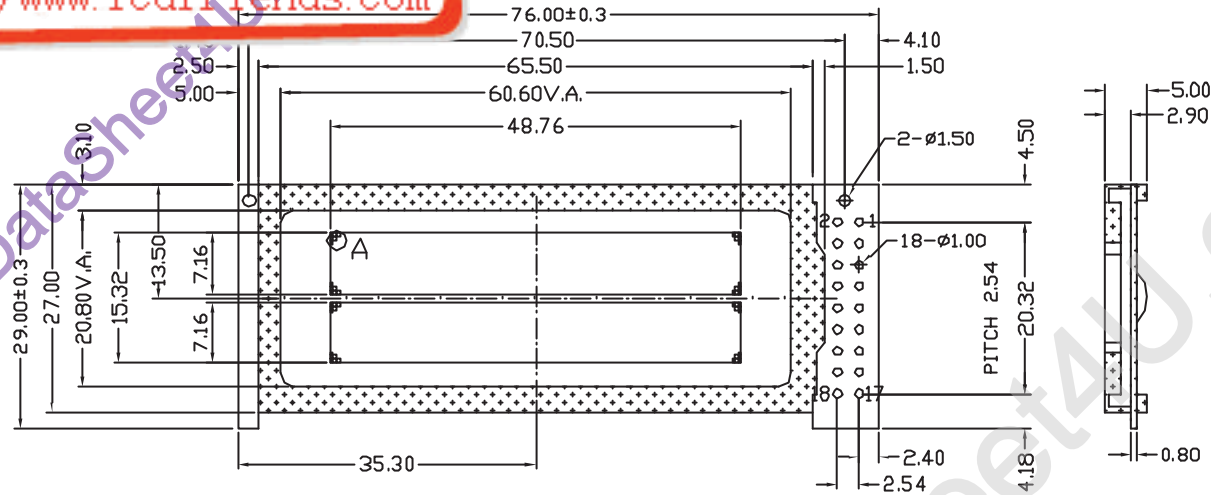


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REVISIONS

NO.	DATE	BY	DESCRIPTION
1	01/06/18	A.CH	NEW RELEASE

PINS ASSIGNMENT

NO.	SYMBOL	DESCRIPTION
1	VDD	POWER SUPPLY FOR LOGIC
2	VSS	GROUND
3	V0	OPERATING VOLTAGE FOR LCD
4	/RST	RESET SIGNAL (LOW EFFECTIVE)
5	E1	READ/WRITE ENABLE SIGNAL(MASTER)
6	E2	READ/WRITE ENABLE SIGNAL(SLAVE)
7	RW	READ/WRITE SELECT
8	A0	DATA/INSTRUCTION SELECT
9-16	DB0-DB7	DATA BUS
17	EL1	POWER SUPPLY FOR BACKLIGHT
18	EL2	POWER SUPPLY FOR BACKLIGHT

ABSOLUTE MAXIMUM RATING

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LCD DRV.)	VDD-V0	0	10.0	V
INPUT VOLTAGE	V <sub>i</sub>	V <sub>i</sub>	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	-	300	500	µA	
	LCD OPERATING VOLTAGE	0C	-	5.3	-	V
		25C	-	5.0	-	V
	40C	-	4.8	-	V	
INPUT VOLTAGE	H	V <sub>IH</sub>	0.8VDD	-	VDD	
	L	V <sub>IL</sub>	0	-	0.2VDD	

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
OVERALL SIZE	76.0W x 29.0H x 6.0T	MM
VIEWING AREA	60.4W x 20.6H	MM
DOT NUMBER	122 x 32	DOTS
DOT SIZE	0.36W x 0.41H	MM
DOT PITCH	0.40W x 0.45H	MM

OPTIONS

- LCD TYPE: Y/G STN; GRAY STN;
- BACKLIGHT: WITHOUT BACKLIGHT; EL
- COLOR OF BACKLIGHT: Y/G; BLUE; WHITE
- TEMPERATURE RANGE: NORMAL(0-50C); EXTENDED(-20-70C)
- VIEWING ANGLE: 6H; 12H