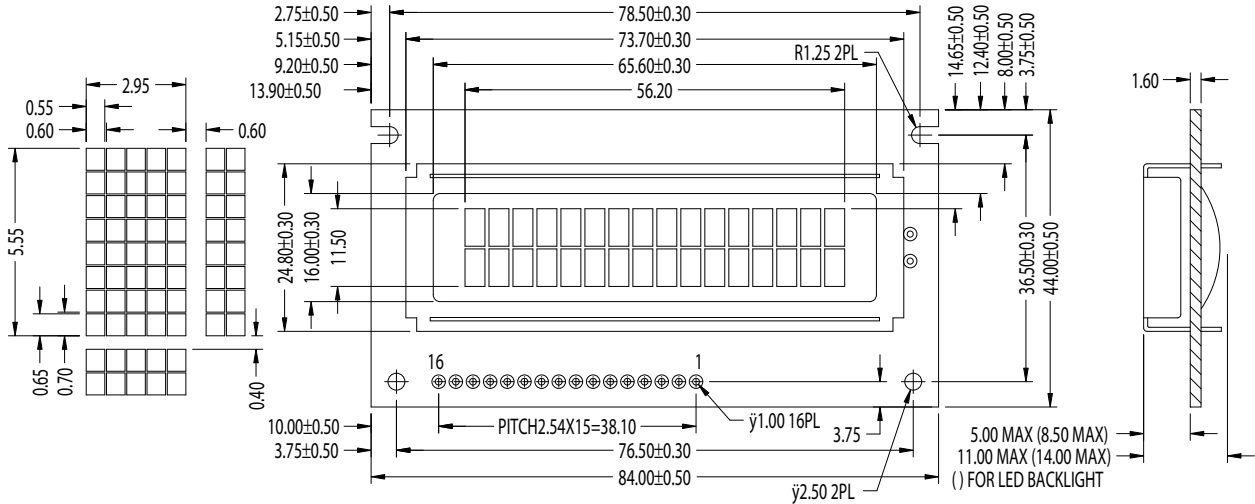


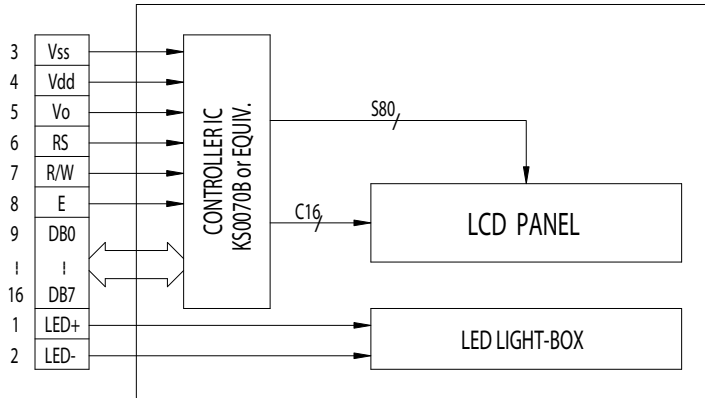
162B Series

16 CHARACTERS x 2 Line, 1/16 DUTY, 1/5 BIAS

EXTERNAL DIMENSION



BLOCK DIAGRAM



INTERFACE PIN CONNECTIONS

PIN NO.	SYMBOL	LEVEL	FUNCTION
1	LED+	4.2V	Backlight anode
2	LED-	0V	Backlight cathode
3	Vss	0V	Ground
4	Vdd	5.0V	Supply voltage for logic
5	Vo	---	Input voltage for LCD
6	RS	H/L	H : Data signal, L : Instruction signal
7	R/W	H/L	H : Read mode, L : Write mode
8	E	H,H=L	Chip enable signal
9	DB0		Data bit 0
16	DB7		Data bit 7

MECHANICAL SPECIFICATIONS

ITEM	NOMINAL DIMENSIONS	UNIT
Module Size (W x H x T)	84 x 44 x 11.0 (14.0 W/LED BACKLIGHT)	mm
Viewing Area (W x H)	65.6 x 16.0	mm
Character Pitch (W x H)	3.55 x 5.95	mm
Character Size (W x H)	2.95 x 5.55	mm
Character Font	5 x 8 DOTS	---
Dot Pitch (W x H)	0.60 x 0.70	mm
Dot Size (W x H)	0.55 x 0.65	mm

ABSOLUTE MAXIMUM RATINGS FOR LED BACKLIGHT

ITEM	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
LED Forward Consumption Current	If	Ta=25°C Vf=4.2V	---	80	120	mA
LED Allowable Dissipation	Pd		---	320	480	mW

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