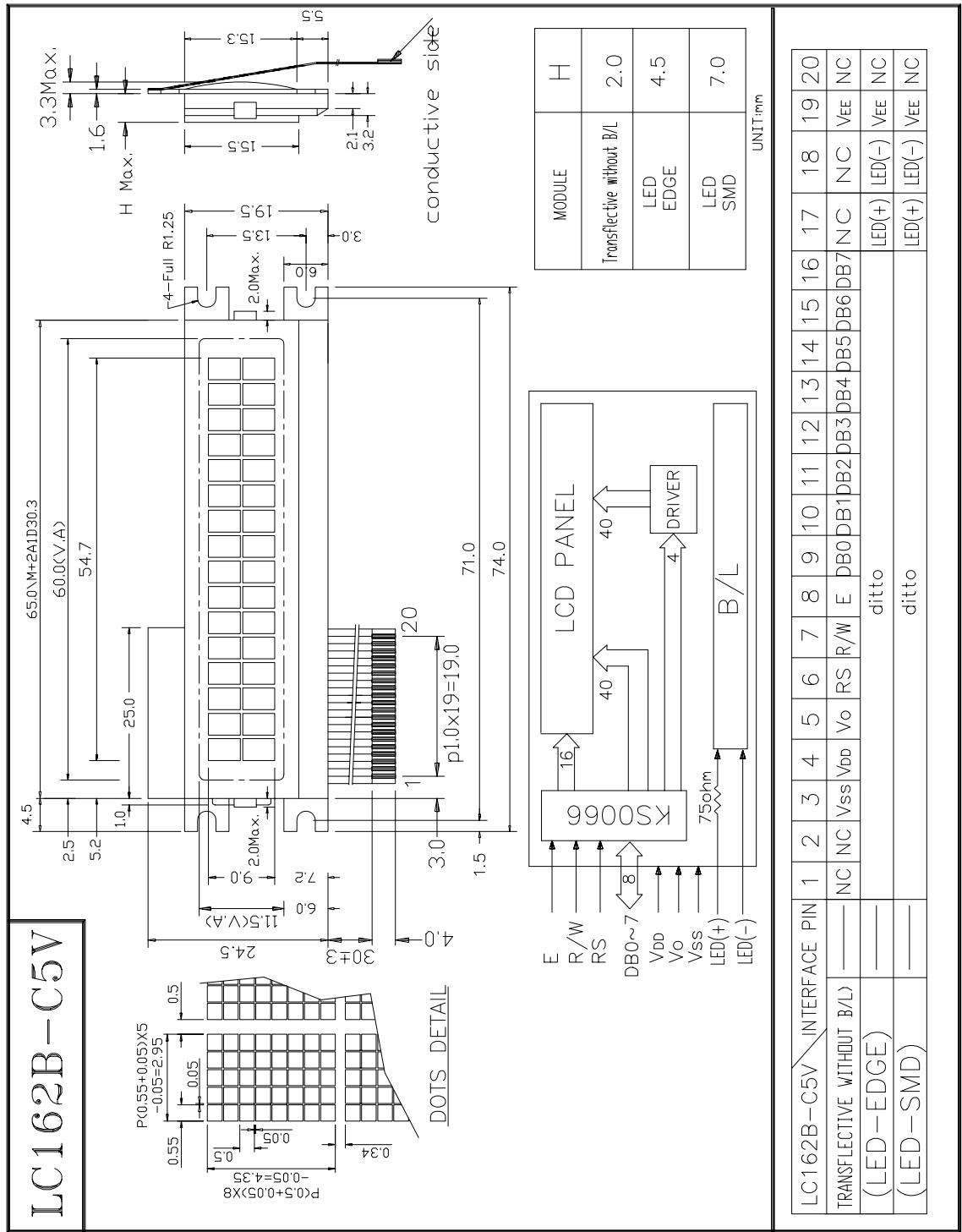


1. LCM Drawing



LC162B-C5V	INTERFACE	PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
TRANSFLECTIVE WITHOUT B/L			NC	NC	V _{SS}	V _{DD}	V ₀	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	NC	NC	VEE	NC		
(LED-EDGE)																				LED(+)	LED(-)	VEE	NC	
(LED-SMD)																					LED(+)	LED(-)	VEE	NC

ditto

ditto

2. Electrical spec

LC162B-C5V

16 Characters X 2 Lines
1/16 DUTY 5x8 Font

ELECTRICAL CHARACTERISTICS

T_a = 25°C V_{DD} = 2.7 ~ 5.5 v

Input "High" Voltage (V_{IH}) 2.2 V min

Input "Low " Voltage (V_{IL}) 0.6 V max

APPLICABLE FOR -LNA

	<u>TN</u>		<u>STN</u>	
	<u>TEMPERATURE</u>		<u>TEMPERATURE</u>	
	<u>NORMA</u>	<u>WIDE</u>	<u>NORMA</u>	<u>WIDE</u>
Supply Current, (I _{DD})Typ., mA	N/A	N/A	N/A	3
Recommend LCD drive Voltage: (V _{DD} -V _O) at T _a = -20°C, Volts	N/A	N/A	N/A	4.5
T _a = 0°C	N/A	N/A	N/A	4.5
T _a = 25°C	N/A	N/A	N/A	4.5
T _a = 50°C	N/A	N/A	N/A	4.5
T _a = 70°C	N/A	N/A	N/A	4.5

ABSOLUTE MAXIMUM RATINGS

	<u>NORMAL</u>		<u>WIDE</u>	
	<u>TEMPERATURE</u>		<u>TEMPERATURE</u>	
	<u>MIN</u>	<u>MAX</u>	<u>MIN</u>	<u>MAX</u>
Input Voltage (V _I) V	0	V _{DD}	0	V _{DD}
Supply for Logic (V _{DD} -V _{SS}) V	0	7	0	7
Supply for LCD (V _{DD} -V _O) V	0	10	0	10
Operating Temperature T _{OP} , °C	0	+50	-20	+70
Storage Temperature T _{ST} , °C	-20	+70	-30	+80

OPTION

BACKLIGHT

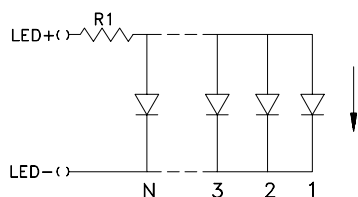
- TRANSFLECTIVE WITHOUT B/L
- BLEXX -- LED SMT

INPUT VOLTAGE & CURRENT

+ 5V DC; 40 mA R1 = 75 Ohm 1/8 W

*R1: Suggest BL current limit resistor on LCM

EDGE LED



N = 4 , I = 10 mA