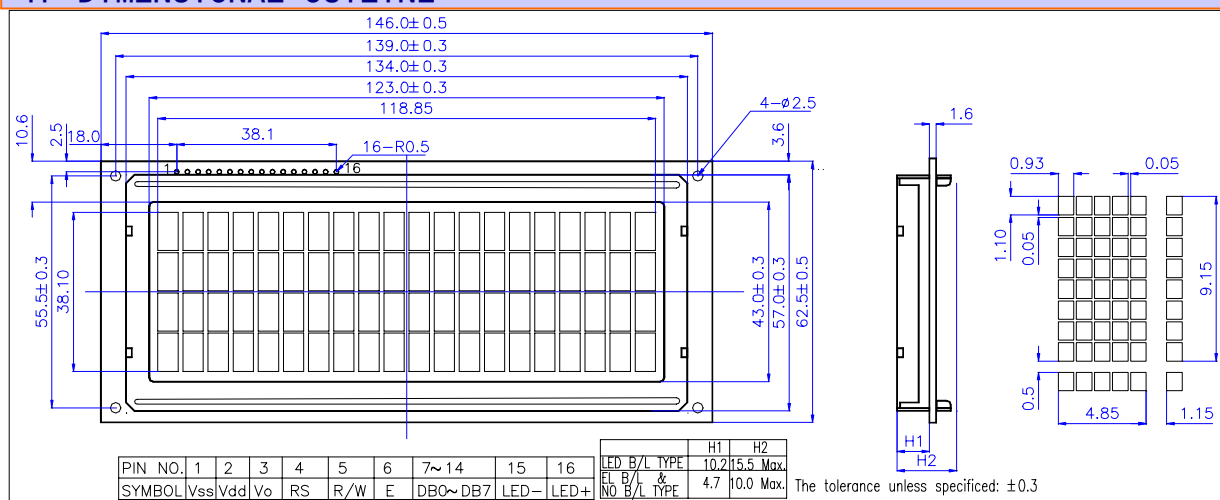
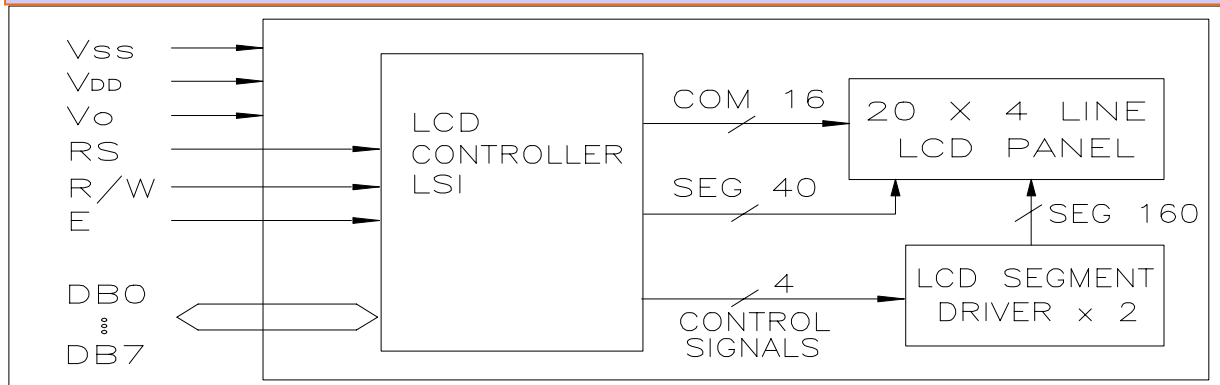


(20 characters × 4 line)

1. DIMENSIONAL OUTLINE



2. BLOCK DIAGRAM



3. MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	UNIT	REMARK
DIMENSIONAL OUTLINE	146.0 (W) × 62.5 (H) × 10.0/15.5Max. (T)	mm	*REFERENCE DIMENSIONAL OUTLINE
VIEWING AREA	123.0 (W) × 43.0 (H)		
CHARACTER PITCH	6.00 (W) × 9.65 (H)		
CHARACTER SIZE	4.85 (W) × 9.15 (H)		
NUMBER OF CHARACTERS	20 CHARACTERS × 4 LINES	-	
DOT PITCH	0.98 (W) × 1.15 (H)	mm	
DOT SIZE	0.93 (W) × 1.10 (H)	mm	

4. ELECTRICAL CHARACTERISTICS (Ta=25°C, VDD=5.0V±0.25V)

ITEM	SYMBOL	CONDITION	MIN	TYPE	MAX.	UNIT
INPUT HIGH VOLTAGE	V _{IH}	-	2.2V	-	V _{DD}	V
INPUT LOW VOLTAGE	V _{IL}	-	-0.3	-	0.6	V
OUTPUT HIGH VOLTAGE	V _{OH}	-I _{OH} =0.1mA	2.4	-	-	
OUTPUT LOW VOLTAGE	V _{OL}	I _{OL} =0.1mA	-	-	0.4	
SUPPLY CURRENT	I _{DD}	V _{DD} =5.0V	-	3.0	5.0	mA
OPERATING VOLTAGE FOR LCD	V _{DD} -V _O	Ta=25 °C	STN	-	5.0	V
			TN	-	5.0	V