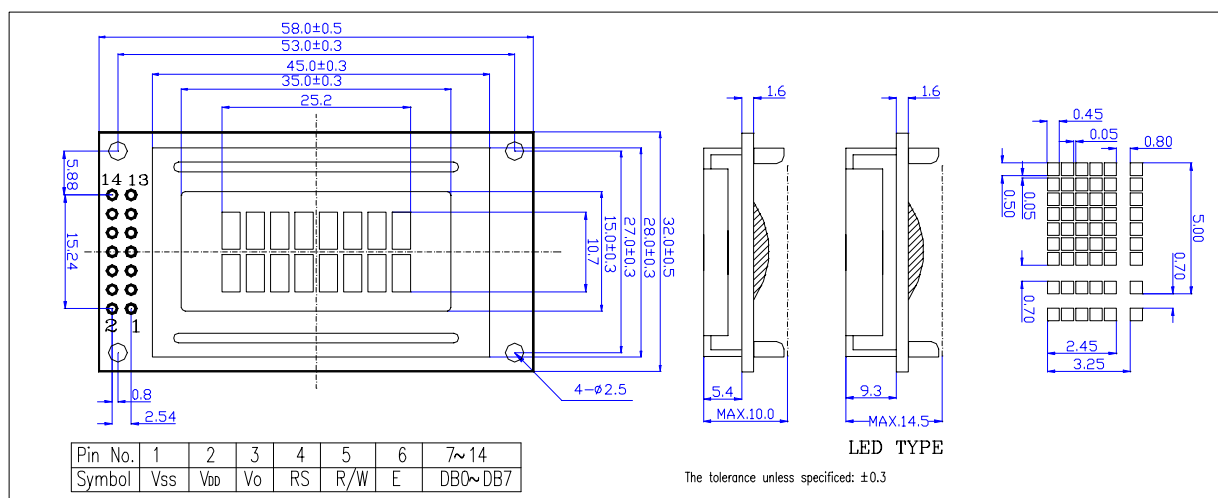
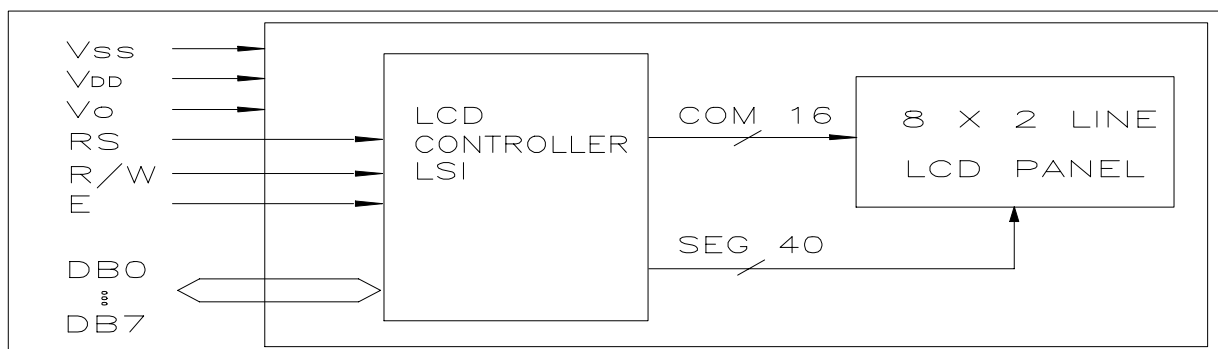


(8 characters $\times$ 2 line)

1. DIMENSIONAL OUTLINE



2. BLOCK DIAGRAM



3. MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	UNIT	REMARK
DIMENSIONAL OUTLINE	58.0 (W) $\times$ 32.0 (H) $\times$ 14.5 MAX. (T)	mm	*REFERENCE DIMENSIONAL OUTLINE
VIEWING AREA	35.0 (W) $\times$ 15.0 (H)		
CHARACTER PITCH	3.25 (W) $\times$ 5.7 (H)		
CHARACTER SIZE	2.45 (W) $\times$ 5.0 (H)		
NUMBER OF CHARACTERS	8 CHARACTERS $\times$ 2 LINES	-	
DOT PITCH	0.50 (W) $\times$ 0.55 (H)	mm	
DOT SIZE	0.45 (W) $\times$ 0.50 (H)	mm	

4. ELECTRICAL CHARACTERISTICS (Ta=25°C, VDD=5.0V $\pm$ 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	-	2.0	3.0	mA
OPERATING VOLTAGE FOR LCD	V _{DD} -V _O	Ta=25°C	STN	-	5.0	V
			TN	-	4.5	V