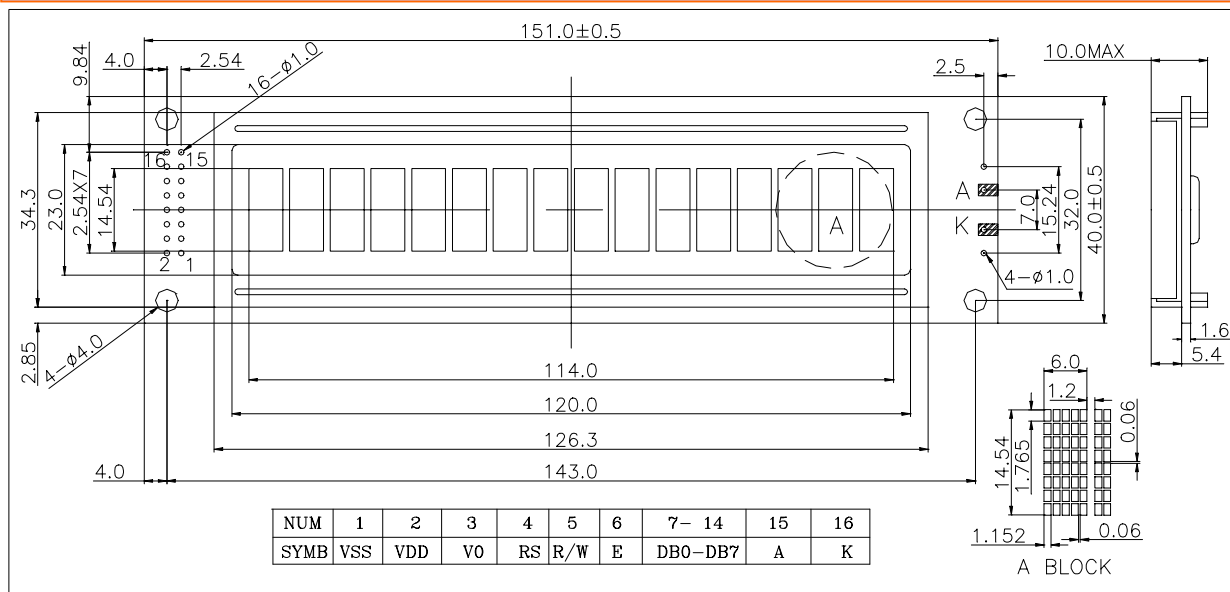


GTC-1601E

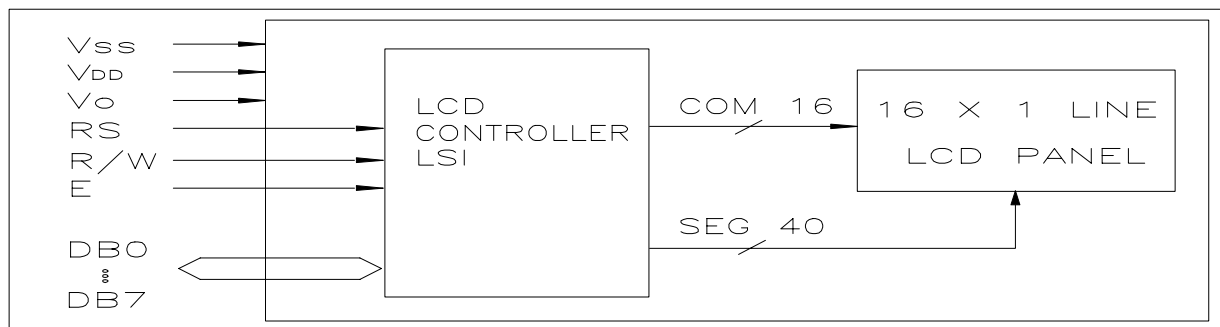
1/16 DUTY, 1/5 BIAS

(16 characters × 1 line)

1. DIMENSIONAL OUTLINE



2. BLOCK DIAGRAM



3. MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	UNIT	REMARK
DIMENSIONAL OUTLINE	151.0(W) × 40.0(H) × 10.0Max. (T)	mm	*REFERENCE DIMENSIONAL OUTLINE
VIEWING AREA	120.0(W) × 23.0(H)		
CHARACTER PITCH	7.2		
CHARACTER SIZE	6.0(W) × 14.54(H)		
NUMBER OF CHARACTERS	16 CHARACTERS × 1 LINES	-	
DOT PITCH	1.212(W) × 1.825(H)	mm	
DOT SIZE	1.152(W) × 1.765(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	-	2.0	3.0	mA
OPERATING VOLTAGE FOR LCD	V _{DD} -V _O	Ta=25°C	STN	-	5.0	V
			TN	-	4.5	V