

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
FG	VSS	VCC	VO	$\overline{\text{WR}}$	$\overline{\text{RD}}$	$\overline{\text{CE}}$	$\text{C}/\overline{\text{D}}$	NC	$\overline{\text{RST}}$	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7	FS	VEE	LED+	LED-

LIMIT PARAMETER

PARAMETER	Symbol	Testing Criteria	Standard Values		UNIT
			MIN	MAX	
Supply Voltage	V _{DD-VSS}	Ta=25	0	6.5	V
LCD Voltage	V _{DD-V0}		0	20.0	V
Input Voltage	V _I		0	V _{DD}	V

ELECTRIC PARAMETER

PARAMETER		Symbol	Testing Criteria	Standard Values			UNIT
				MIN	Typical	MAX	
Voltage	LOGIC	V _{DD-VSS}	-	4.75	5.0	5.25	V
	LCD	V _{DD-V0}	-	-	15.0	-	V
Current	LOGIC	I _{DD}	-	-	13.8	-	mA
	LCD	I _{EE}	-	-	2.0	-	mA
LCD Drive Voltage (recommend)			0	-	12.5	-	V
			25	-	11.0	-	V
			40	-	10.5	-	V
Input Voltage	' H ' Level	V _{IH}	High	0.7V _{DD}	-	V _{DD}	V
	' L ' Level	V _{IL}	Low	0	-	0.3V _{DD}	V

PIN CONFIGURATION

PIN	SYMBOL	LEVEL	INSTRUCTION
1	FG	0V	Surface contact GND
2	V _{SS}	0V	Ground contact (GND)
3	V _{DD}	5.0V	Power Supply Voltage
4	V ₀	LCD Drive Voltage	Adjust Contrast
5	WR	L	Write signal
6	RD	L	Read signal
7	CE	L	IC select signal
8	C/D	H/L	H: COMMAND ; L: DATA
9	NC	-	NC
10	REST	L	Reset signal, low is effective
11	DB0	H/L	DATA 0
12	DB1	H/L	DATA 1
13	DB2	H/L	DATA 2
14	DB3	H/L	DATA 3
15	DB4	H/L	DATA 4
16	DB5	H/L	DATA 5
17	DB6	H/L	DATA 6
18	DB7	H/L	DATA 7
19	FS	H/L	Char style select(L:8x8,H:6x8)
20	V _{ee}	-10V	Negative voltage
21	LED+		Back LED Anode
22	LED-		Back LED Negative