



I/O CONNECTION

Pin No	Symbol	Function
1	LED(A)	Power supply for LED (+)
2	LED(K)	Power supply for LED (-)
3	VSS	Power supply (GND)
4	VCC	Power supply (+)
5	VEE	Power supply Voltage Vlcd(-)
6	RS	Register select signal
7	R/W	Data read / write
8	E	Enable signal
9	DB0	Data bus line
10	DB1	Data bus line
11	DB2	Data bus line
12	DB3	Data bus line
13	DB4	Data bus line
14	DB5	Data bus line
15	DB6	Data bus line
16	DB7	Data bus line

NOTE:

- 1 TOLERANCES UNLESS OTHERWISE SPECIFIED: ± 0.2
- 2 ALL DIMENSIONS ARE IN mm
- 3 VIEWING ANGLE: 6 O'CLOCK
- 4 POLARIZER: TRANSMISSIVE / NEGATIVE
- 5 MULTIPLEX LEVEL: 1/16 DUTY, 1/4 BIAS
- 6 DISPLAY TYPE: FSTN
- 7 CONNECTOR: ZEBRA
- 8 DATA TRANSFER: 8-BIT PARALLEL DATA TRANSFER
- 9 BACKLIGHT: LED
- 10 COLOR OF BACKLIGHT: GREEN

ABSOLUTE MAXIMUM RATING

ITEM	Symbol	Condition	Min	Max	Units
Power supply for logic	Vdd-Vss	25°C	-0.3	7.0	V
LCM current consumption(No B/L)	Vdd-V0	25°C	Vdd-12	Vdd+0.3	V
Operating voltage for LCD	Vin	25°C	-0.3	Vdd+0.3	V
Operating temperature	Top	-	-20	70	°C
Storage temperature	Tstg	-	-30	80	°C

ELECTRO-OPTICAL CHARACTERISTICS

ITEM	Symbol	Condition	Min	Typ	Max	Units
Power supply for logic	Vdd-Vss	25°C	4.5	5.0	5.5	V
LCM current consumption(No B/L)	Id	Vdd=5V	--	--	1.0	mA
Operating voltage for LCD	Vdd-V0	-10°C	4.7	5.0	5.3	V
		25°C	4.7	5.0	5.3	V
		80°C	4.7	5.0	5.3	V
Backlight current consumption	--	5.0	--	15	mA	

