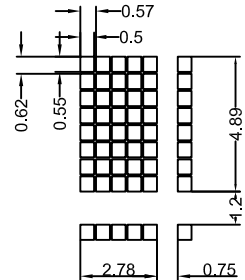


I/O CONNECTION		
Pin No	Symbol	Function
1	DB7	Data bus line
2	DB6	Data bus line
3	DB5	Data bus line
4	DB4	Data bus line
5	DB3	Data bus line
6	DB2	Data bus line
7	DB1	Data bus line
8	DB0	Data bus line
9	E1	Enable signal 1
10	R/W	Data read / write
11	RS	Register select signal
12	VEE	Power supply Voltage Vlcd(-)
13	VSS	Power supply (GND)
14	VCC	Power supply (+)
15	E2	Enable signal 2
16	NC	NO Connection
17	LED+	Power supply for LED (+)
18	LED-	Power supply for LED (-)



- NOTE: 1 TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.25mm  
 2 ALL DIMENSIONS ARE IN mm  
 3 VIEWING ANGLE: 6 O'CLOCK  
 4 MULTIPLEX LEVEL: 1/16 DUTY, 1/5 BIAS  
 5 LCD: STN YELLOW-GREEN/GRAY/BLUE & FSTN  
 6 DISPLAY MODE: TRANSFLECTIVE / POSITIVE  
 7 CONNECTORS: ZEBRA  
 8 DATA TRANSFER: 8-BIT PARALLEL DATA TRANSFER  
 9 BACKLIGHT: LED  
 10 COLOR OF BACKLIGHT: YELLOW-GREEN/WHITE

ABSOLUTE MAXIMUM RATING					
ITEM	Symbol	Condition	Min	Max	Units
Power supply for logic	Vdd-Vss	25° C	-0.3	7.0	V
Operating voltage for LCD	Vdd-V0	25° C	Vdd-12	Vdd+0.3	V
Input voltage	Vin	25° C	-0.3	Vdd+0.3	V
Operating temperature	Top	--	-20	70	°C
Storage temperature	Tstg	--	-25	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	--	--	6.0	mA
Operating voltage for LCD	Vdd-V5	-20° C	4.7	5.0	4.7	V
		25° C	4.7	5.0	4.7	V
		70° C	4.7	5.0	4.7	V
Backlight current consumption	ILed	VB/L=5.0V	--	500	--	mA

