



## DV-0802 datasheet

### Mechanical Data

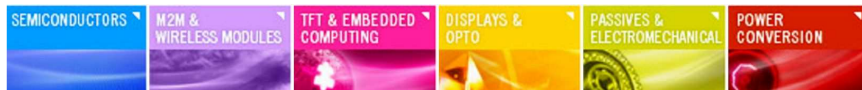
Item	Standard Value	Unit
Module Dimensions	58.0(W) X 32.0(H) X 10.0 max.(D)	mm
Viewing Area	35.0(W) X 15.0(H)	mm
Dot Size	0.545(W) X 0.645(H);	mm
Dot Pitch	0.600(W) X 0.700(H);	mm

### Absolute Maximum Ratings

Item	Symbol	Standard Value			Unit
		Min.	Typ.	Max.	
Supply Voltage for Logic	$V_{dd} - V_{ss}$	0	--	7.0	V
Supply Voltage for LCD Drive	$V_{dd} - V_{ee}$	1.5	--	13.5	V
Input Voltage	$V_i$	$V_{ss}$	--	$V_{dd}$	V
Operation Temperature	$T_{opr}$	0	--	50	°C
Operation Temperature	$T_{stg}$	-20	--	70	°C

### Electrical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			Min.	Typ.	Max.	
Input "High" Voltage	$V_{IH}$	--	2.2	--	$V_{dd}$	V
Input "Low" Voltage	$V_{IL}$	--	0	--	0.6	V



Alcom Belgium - Singel 3 - 2550 Kontich  
 Tel.: ++32 (0)3 458.30.33 - Fax: ++32 (0)3 458.31.26 - info@alcom.be  
 Alcom Netherlands - Rivium 1e straat 52 - 2909 LE Capelle a/d IJssel  
 Tel.: ++31 (0)10 288.25.00 - Fax: ++31 (0)10 288.25.25 - info@alcom.nl

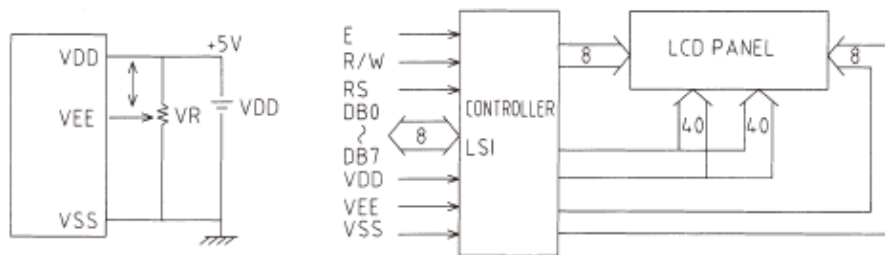


Input "High" Voltage	$V_{OH}$	$-I_{OH}=0.205mA$	--	--	--	V
Output "Low" Voltage	$V_{OL}$	$I_{OL}=1.2mA$	--	--	--	V
Supply Current	$I_{DD}$		--	2.0	8.5	mA

### Pin Assignment

No.	Symbol.	Function.	No.	Symbol.	Function.
1	$V_{SS}$	GND, 0V	8	DB1	Data Bus Line
2	$V_{dd}$	+5V	9	DB2	Data Bus Line
3	$V_{cc}$	For LCD Drive	10	DB3	Data Bus Line
4	RS	Function Select	11	DB4	Data Bus Line
5	R/W	Read/Write	12	DB5	Data Bus Line
6	E	Enable Signal	13	DB6	Data Bus Line
7	DB0	Data Bus Line	14	DB7	Data Bus Line

### Block Diagram



### External Dimensions

