



# Motor Driver Board for the BBC micro:bit

[www.kitronik.co.uk/5620](http://www.kitronik.co.uk/5620)



## Electrical Information

Operating Voltage (Vcc)	4.5V to 6V
Number of motor channels	2 (2 motors with forward + reverse control, controlled by P0, P8, P12 & P16)
Typical motor output Voltage (Vm) @ 1.5A output per channel	$V_m = V_{cc} - 0.3V$
Max Current per motor channel	1.5A
Digital only inputs	2 (button A / B)
Digital or analog input / output pins (P1 & P2)	2 (P1 & P2)
Digital output drive current	5mA

## Motor Control Pins (forward and reverse directions can vary depending on how the motors are connected)

P8	P12	Motor 1 Function
0	0	Coast
1	0	Forward
0	1	Reverse
1	1	Brake

P0	P16	Motor 2 Function
0	0	Coast
1	0	Forward
0	1	Reverse
1	1	Brake

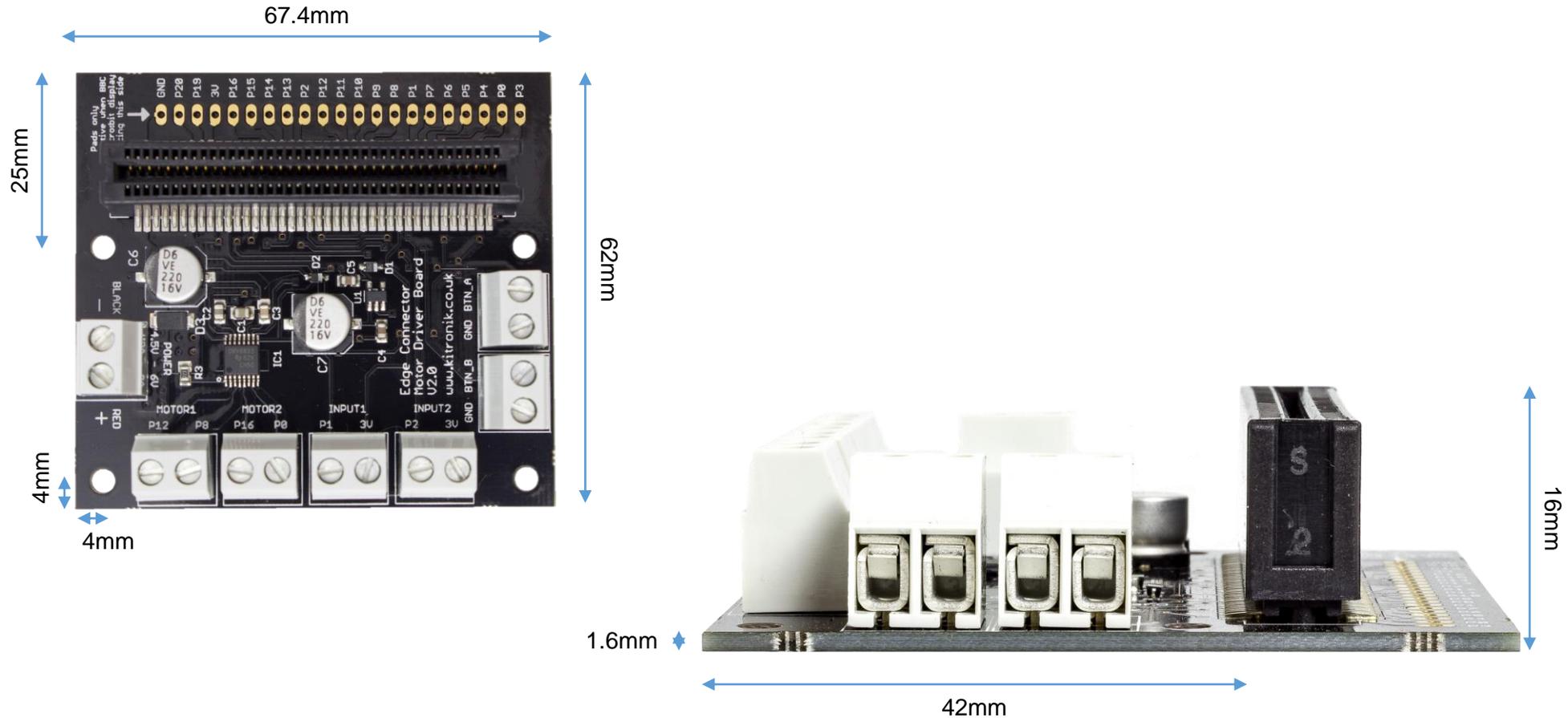


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[www.kitronik.co.uk/5602](http://www.kitronik.co.uk/5602)



## Dimensions



(Dimensions +/- 0.8mm)