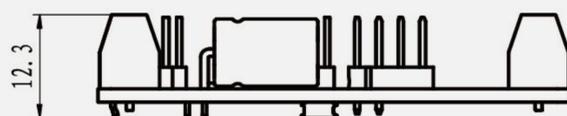
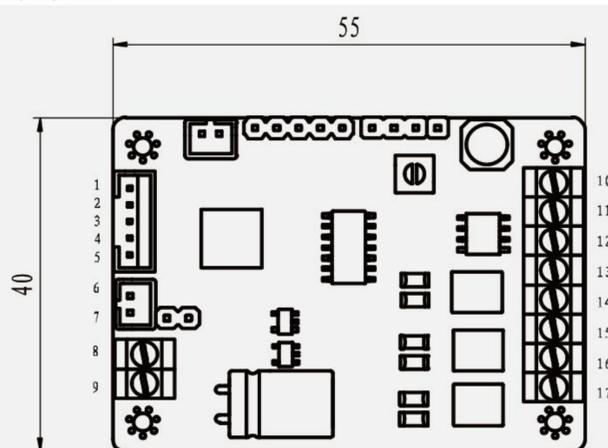




Operating Mode		VMC 2403S
		10-28VDC, Max Current 3A Can be configured as position,speed,current mode Over voltage protection Over current protecion Overload protecion Overt emperature proteci` Enocder error protection
Electrical Data		
1	DC motor up to	100W
2	Operating Voltage Vcc	10-28 VDC
3	Max.output current	10 A(<20S)
4	Continuous output current	3 A
5	Pulse width modulation frequency	20KHz
6	Sampling rate PI current controller	20KHz
7	Sampling rate PI speed controller	2KHz
8	Sampling rate PI current controller	2KHz
9	Max.Speed (1 pole pair)	20000rpm(sinusoidal)
10	Efficiency	98%
Inputs/Outputs		
11	Hall sensor signal	HA,HB,HC
12	Encoder-signal	A, B
13	Hall sensor supply voltage ouput	3.3V
14	Encoder supply voltage output	5.0V
15	Communication interface	RS485
16	Protocol	MODBUS-RTU
17	Baudrate	38400
18	Status Indicators	Ready:green LED light and red LED Blink at 2Hz;Error:green LED Blink at 10Hz and red LED light
Environmental Conditions		
20	Temperature - Operation	-30...+45°C
21	Temperature - Storage	-40...+85°C
Mechanical Data		
22	Weight	Approx. 16.7 g
23	Dimensisons (L x W x H)	55 x 40 x 12.3mm
24	Mounting holes	for screws M2
25	Connections	



Pin 1	I	Pin10	3.3V
Pin 2	B	Pin11	3.3V
Pin 3	A	Pin12	HB
Pin 4	3.3V	Pin13	HC
Pin 5	GND	Pin14	GND
Pin 6	485_A	Pin15	MA
Pin 7	485_B	Pin16	MB
Pin 8	POWER +	Pin17	MC
Pin 9	POWER -		