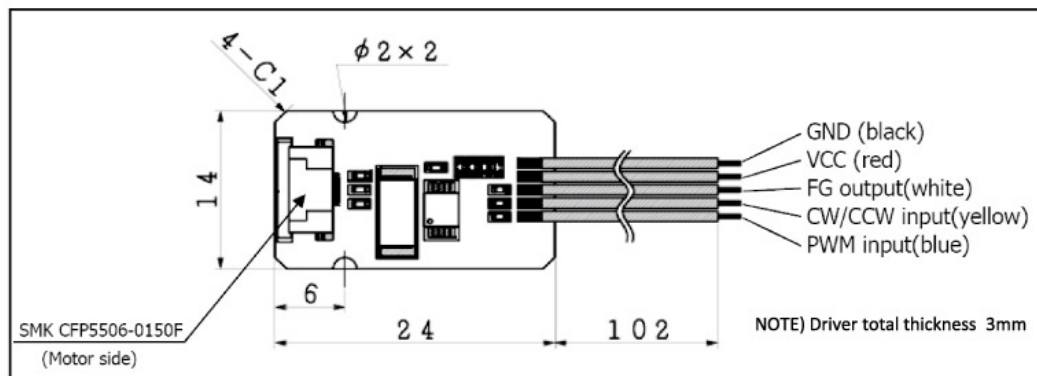


Motor Drive Circuit SSD06-R5A

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Drivers are used to operate and control Brushless Motor.



SSD06-R5A is a 3-phase sensorless drive circuit designed to operate brushless motor BMN04-08XX and BMN07-12XX (sensorless) exclusively. FG (Frequency Generator) output provides a pulse per motor revolution. Rotation direction input (CW/CCW input) is different by selected motors. Following specifications assume the case of installing BMN04-08 series, and BMS07-13 series is the opposite installation.

SSD06-R5A Specifications

		Brushless Motor SSD-R5A			
		Min.	Typ.	Max.	
1	Voltage supply : VCC	1.8	3.0	5.5	V
2	Consumption current		5	10	mA
3	Output current			0.5	A
4	Rotation Direction input voltage: CW(Low)	0.0		0.5	V
5	Rotation direction input voltage: CCW (High or Open)	VCC-0.5		VCC	V
6	PWM duty control pulse input: H level voltage	20		50	kHz
7	PWM duty control pulse input : L level voltage	0.0		0.5	V
8	PWM duty control pulse input : H level voltage	VCC/2		VCC	
9	FG pulse output : Low voltage level	0.0		0.4	V
10	FG pulse output : High voltage level			VCC	V
11	Operating temperature range	-20...+75			°C

		Brushless Motor SSD-R5A			
		Min.	Typ.	Max.	
12	Weight	1.1			g