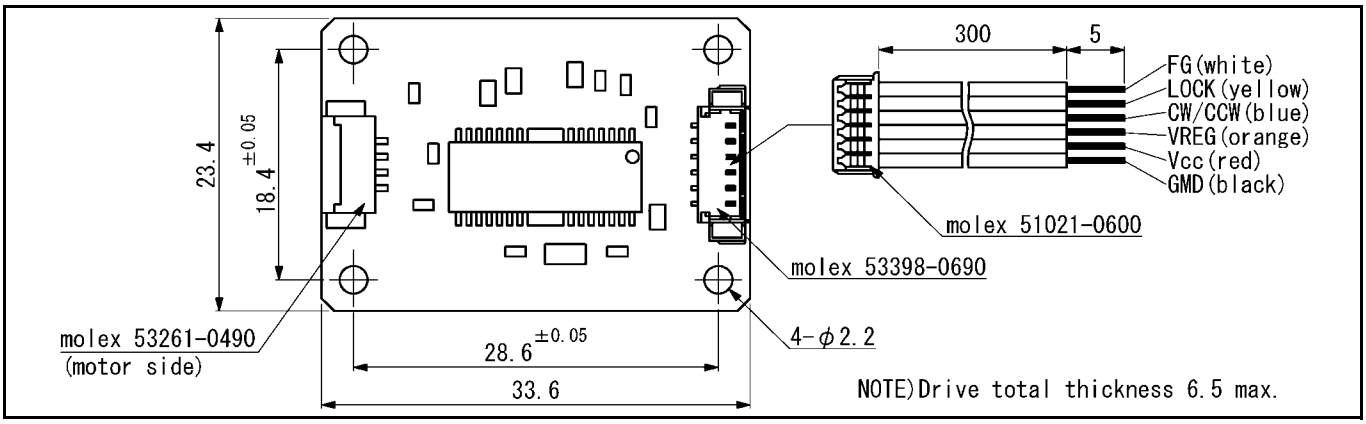
SSD22

Sensorless brushless motor drive circuit



For DC brushless motor serie SBL22-37

Description

SSD22 is a 3-phase sensorless drive circuit designed to operate brushless motor SBL22-37 exclusively. The desired motor speed is set by selecting the appropriate voltage supply, VCC. CW direction is obtained by connecting CW/CCW input to VREG, if not connected the motor runs CCW. FG (Frequency Generator) output generates 3 pulses per motor revolution. The LOCK output provides in normal operation an high logic level "1", in motor stall condition a low logic level "0". Internal thermal protection circuit included.

	SSD22			
Specifications	Min.	Typ.	Max.	
Voltage supply	8.0		24.0	V
Output voltage	8.0		24.0	V
Output current			0.9	A
Opearting temperature range	-20 ... +75			°C
Weight	2.5			g