

Servo Amplifier

Synchronous Drive

For combination with
 Thin Profile Brushless Motors:
 1202 ... BS, 1202 ... BH
 Brushless Gearmotors:
 1307 ... BH, 1309 ... BH

Series BLD 05002 S

		BLD 05002 S	
Power supply electronic	V _{CC}	2,7 ... 5,5	V DC
Continuous output current		Dependent on the supply voltage and lead resistance	
Max. output current	I _{out}	250	mA
Max. current input without motor		15	mA
Steps per current period		48	
Steps per revolution ¹⁾		192	
Operating temperature	T _{opr}	0 ... 70	°C
Dimension		10,2 x 10,2	mm
Height including connector		5,9	mm
Pin height		2,9	mm
Plug diameter		0,5	mm
Weight		0,6	g

¹⁾ for penny-motor

Note: A Test board for penny-motor with integrated motor mount is available separately.
 The Servo Amplifier is supplied with an operating instruction manual for installation and start-up.

General Information

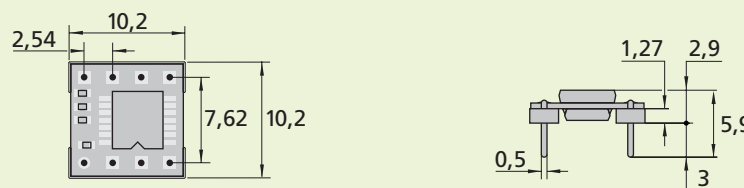
The BLD 05002 S is a synchronous drive for the ultra flat penny-motor. It has a sine form output voltage. The speed is set with an external clock signal. The motor voltage is controlled with an analog control voltage.

The board has been layed out as a hybrid building block suitable for a DIL-8 socket.

Polepair of penny-motors is equivalent 4.

Dimensional drawing

Scale enlarged M 1,5:1



BLD 05002 S