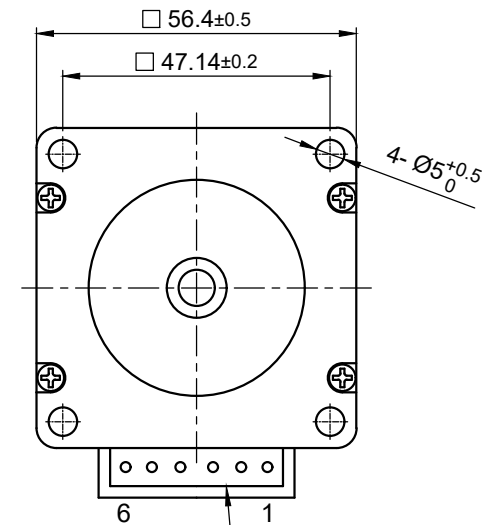
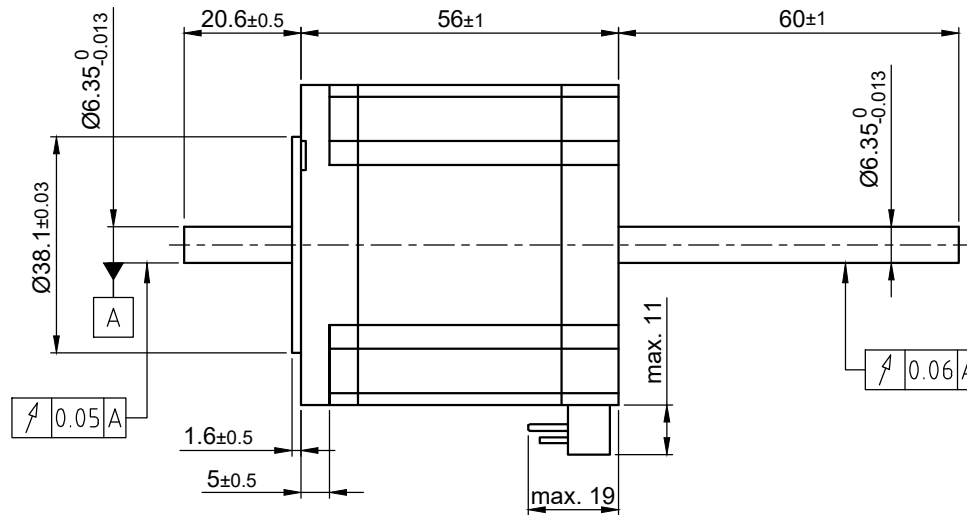
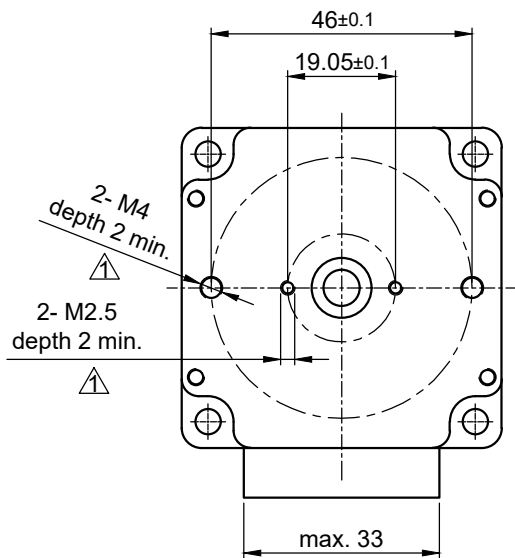




Connector: JST B6P-VH

MOTOR SPECIFICATION

Voltage	V DC	2.1
Current per Winding	A	4.2
Resistance per Phase (25°C)	±15% Ω	0.5
Inductance per Phase (1 kHz)	±20% mH	1.6
Holding Torque	Nm	1.4
Step Angle	±5% °	1.8
Rotor Inertia	kg m²	30 x10 ⁻⁶

GENERAL MOTOR SPECIFICATION

Ambient Temperature	°C	-20 ... 50
Max. Temperature Rise (at standstill - 2 phases energized)	°C	80
Max. Ambient Humidity (non condensing)	%	85
Insulation Class		B
Insulation Resistance	MΩ	100
Dielectric Strength (for 1 min - coil to case)	V AC	500

TYPE OF CONNECTION

Bipolar	Pin No.	Winding
A	1	
A\	3	
B	4	
B\	6	

A-Shaft	Preload Spring	B-Shaft
Max. Axial Force F_a	N	15
Max. Radial Force F_r ($a_2 = 20$ mm)	N	75
Axial Play $F_a = 4.0$ N	mm	0.08
Radial Play $F_r = 4.0$ N	mm	0.02

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.72 kg	
			Date	Name	
			Drawn	14.12.2021	Schneid_A
			Reviewed	16.12.2021	Reith_S
			Released	16.12.2021	Reith_S
01	change deep	Reith_S	04.01.2022		
REV	Rev. Text	Name	Date		
				20001311	A4 Page 1
				State: Released	Rev: 01
				CONFIDENTIAL	