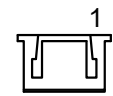


Max. Axial Force $F_a$	N	7
Max. Radial Force $F_r$ ( $a_1 = 5$ mm)	N	58
Max. Radial Force $F_r$ ( $a_2 = 20$ mm)	N	20
Axial Play $F_a = 10$ N	mm	0.075
Radial Play $F_r = 5.0$ N	mm	0.025

JST XHP-4



TYPE OF CONNECTION			
Bipolar	Pin No.	Wire Col.	Winding
A	1	BK	
A\	2	GN	
B	3	RD	
B\	4	BU	

MOTOR SPECIFICATION		
Voltage	V DC	3.22
Current per Winding	A	1.4
Resistance per Phase (25°C)	±15% Ω	2.3
Inductance per Phase (1 kHz)	±20% mH	1.8
Holding Torque	Nm	0.117
Step Angle	±5% °	1.8
Rotor Inertia	kg m <sup>2</sup>	1.8 x 10 <sup>-6</sup>

GENERAL MOTOR SPECIFICATION		
Ambient Temperature	°C	-10 ... 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

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715
			Date
			Name
			Drawn 29.11.2023
			Schneid_A
			Reviewed 06.12.2023
			Reith_S
			Released 06.12.2023
			Reith_S
05	modified prod. process	Schneid_A	06.12.2023
REV	Rev. Text	Name	Date

Replacement for drawing from 06.12.11		Weight: ±10% 0.25 kg
<b>ST2818L1404-A</b>		
20002183		A4 Page 1
State: Released	Rev: 05	CONFIDENTIAL

