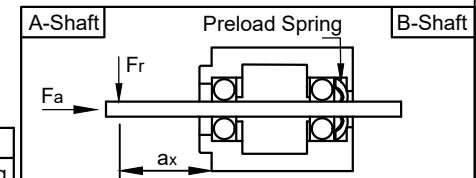


Connector: MOLEX 51065-0600
Contact: MOLEX 50212-8000



TYPE OF CONNECTION			
Series	Pin No.	Wire Col.	Winding
A	1	BK	
A\	3	GN	
B	4	RD	
B\	6	BU	

Max. Axial Force F_a	N	7.0
Max. Radial Force F_r ($a_1 = 5 \text{ mm}$)	N	28 max.
Axial Play	$F_a = 4.0 \text{ N}$	mm 0.08
Radial Play	$F_r = 4.0 \text{ N}$	mm 0.02

MOTOR SPECIFICATION		
Voltage	V DC	1.95
Current per Winding	A	1.5
Resistance per Phase (25°C)	$\pm 15\% \Omega$	1.3
Inductance per Phase (1 kHz)	$\pm 20\% \text{ mH}$	1.0
Holding Torque	Nm	0.09
Step Angle	$\pm 5\% \text{ }^\circ$	1.8
Rotor Inertia	kg m^2	0.9×10^{-6}

GENERAL MOTOR SPECIFICATION			
Ambient Temperature	$^\circ\text{C}$	Min. -20	Max. 50
Max. Temperature Rise (at standstill - 2 phases energized)	$^\circ\text{C}$	80	
ATTN: MAKE SURE TEMPERATURE OF MOTOR CASE REMAINS BELOW 100°C			
Max. Ambient Humidity (non condensing)	%	85	
Insulation Class		B	
Insulation Resistance	M Ω	100	
Dielectric Strength (for 1 min - coil to case)	V AC	500	

ISO 8015	ISO 1302	ISO 2768-1 cK	ISO 13715	Weight: ~0.11 kg
			Date	Name
			04.12.2017	Import
			Checked	Seimel_G
			12.01.2018	Seimel_G
02	adjust dimension	Schneid_A	Approved	12.01.2018
01	added note		25.01.2018	
REV	Rev. Text	Name	Rel. Date	
				01000112
State: Released		Rev: 02	CONFIDENTIAL	A4