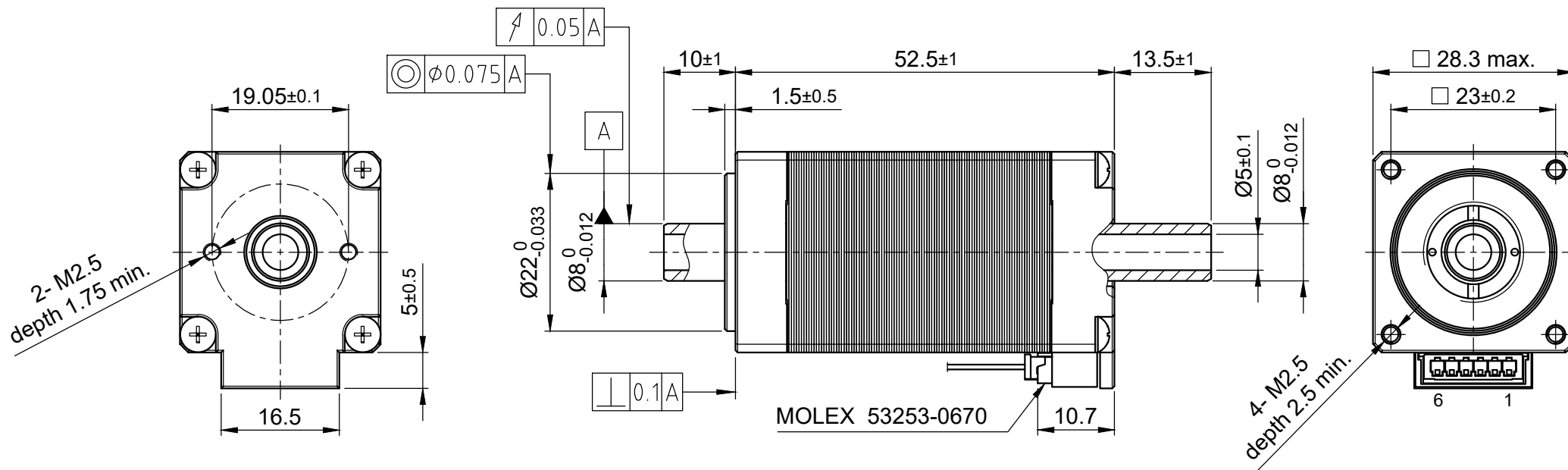
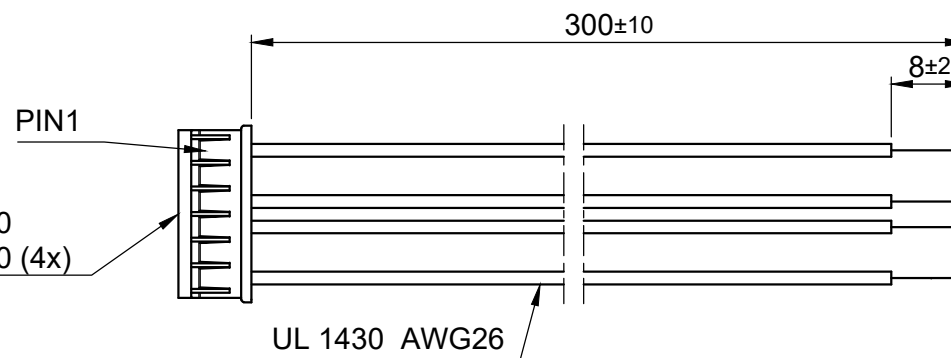




Detail cable



MOTOR SPECIFICATION

Voltage	V DC	2.85
Current per Winding	A	1.5
Resistance per Phase (25°C)	±15% Ω	1.9
Inductance per Phase (1 kHz)	±20% mH	2.3
Holding Torque	Nm	0.18
Step Angle	±5% °	1.8
Rotor Inertia	kg m ²	1.8 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.	Wire Col.	Winding
A	1	BK	
A\	3	GN	
B	4	RD	
B\	6	BU	

A-Shaft	Preload Spring	B-Shaft
Max. Axial Force F_a	N	7
Max. Radial Force F_r ($a_1 = 5$ mm)	N	28
Axial Play $F_a = 4$ N	mm	0.08
Radial Play $F_r = 4$ N	mm	0.02

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ±10% 0.2 kg
			Date	Name
			Drawn	23.06.2021
			Reviewed	02.07.2021
			Released	02.07.2021
01	CR_2025-0009	Schneid_A	30.01.2025	
REV	Rev. Text	Name	Date	
				20001088
State: Released				Rev: 01
CONFIDENTIAL				

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