

6N21

DINGS' MOTION
work order
DATE REV00

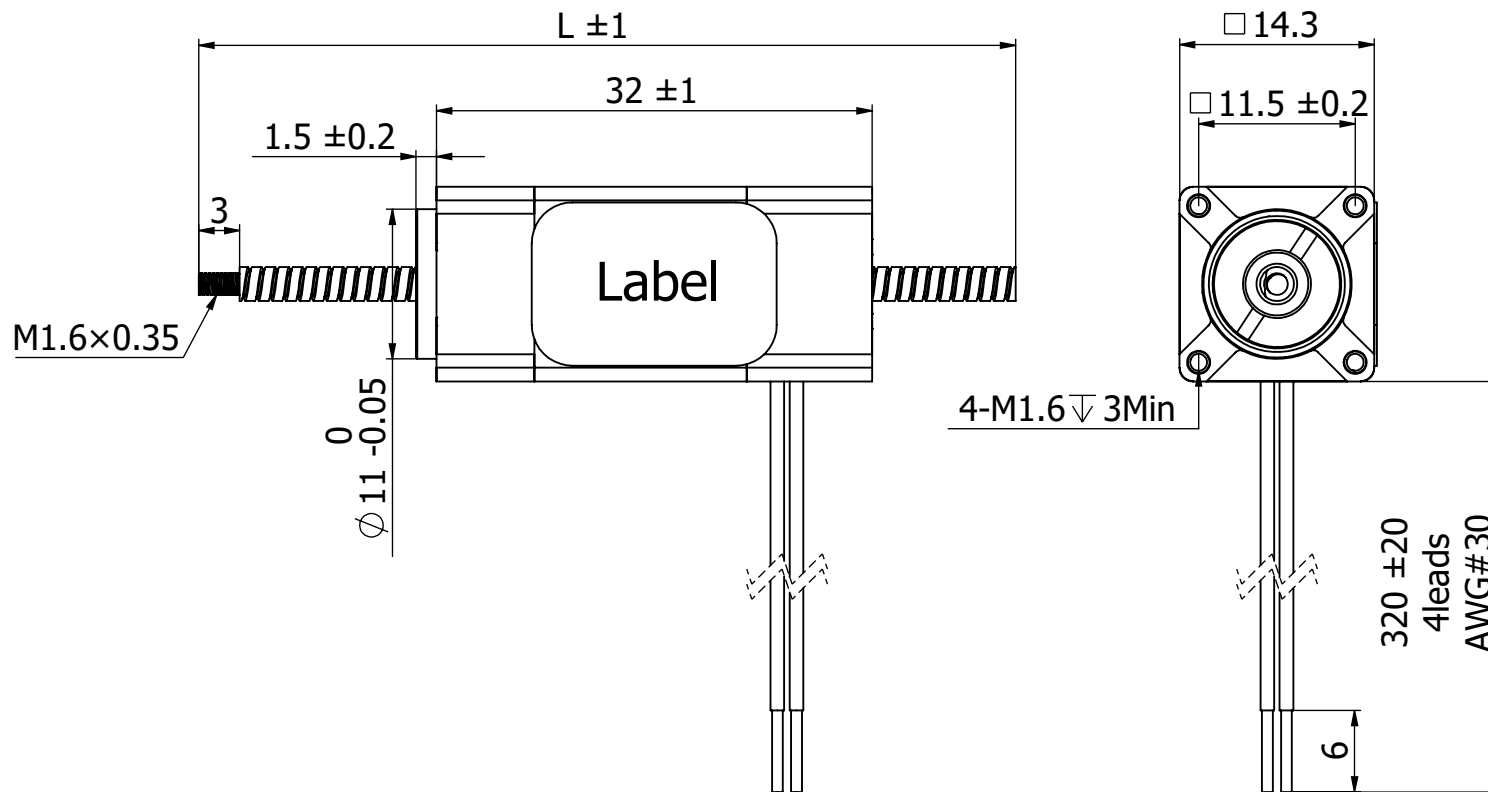
REVISION

REV.

DATE

DESCRIPTION

DRAWN BY

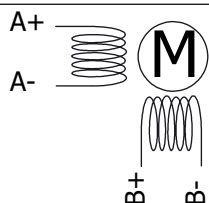


Notes,
1.To maximize output force and life of linear actuators,
radial load on lead screws should be avoided or be kept at a minimum.

Motor's phase	2
Step angle($\pm 5\%$)	1.8°
Rated current/phase	—
Resistance/phase(20°C)	—
Inductance/phase(1V,1kHz)	—
Linear travel per step	—
Lead screw diameter	$\phi 2.5\text{mm}$
Lead screw lead	—
Nut material	—
Insulation class	B
Insulation resistance	$100\text{M}\Omega(500\text{VDC})$
Motor weight	0.06 Kg

CUSTOMER

WIRING CHART



EXCITATION SEQUENCE

CW	→
Black A+	+
Green A-	-
Red B+	+
Blue B-	-
CCW	←

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UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN MILLIMETERS AND
TOLERANCES ARE AS BELOW PER ISO2768-cK.

LINEAR		ANGULAR	
0 ~ 3	± 0.2	0 ~ 10	$\pm 15'$
3 ~ 6	± 0.5	10 ~ 50	$\pm 30'$
6 ~ 30	± 0.8	50 ~ 120	$\pm 1^\circ$
30 ~ 120	± 1.5	120 ~ 400	$\pm 1.5^\circ$

DRAWN

DATE

APPRVD

DATE

MODEL

6N21

DINGS			
SIZE	A3	SHEET	1 OF 1
SCALE	1 : 1	REV	00