

8E2205BS14

DINGS' MOTION
work order
DATE REV00

REVISION

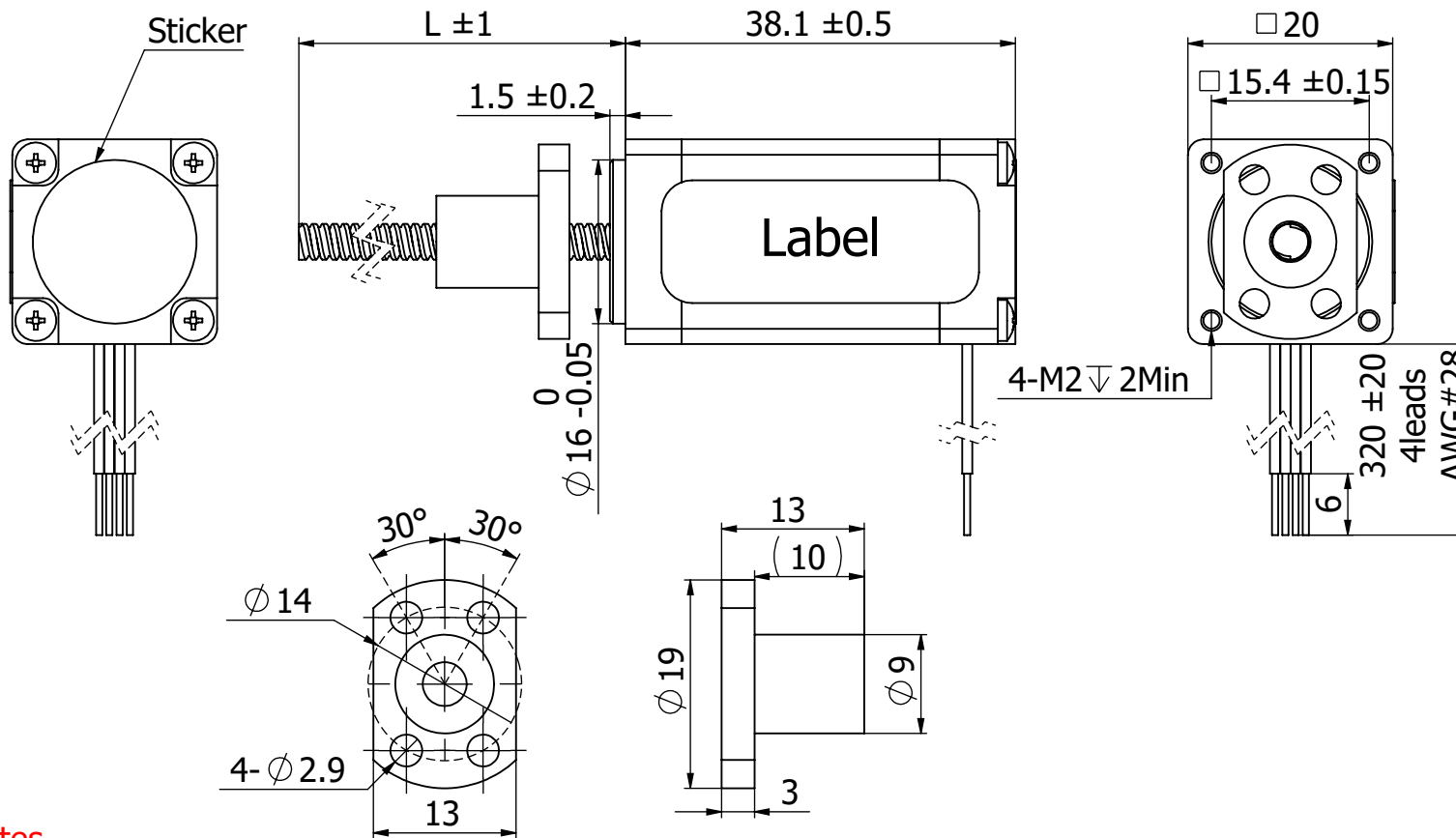
REV.

DATE

DESCRIPTION

DRAWN BY

Sticker

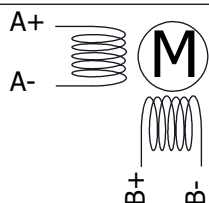


Notes,
1.To maximize output force and life of linear actuators,
radial load on lead screws should be avoided or be kept at a minimum.

Motor's phase	2
Step angle(±5%)	1.8°
Rated current/phase	0.5 A(RMS)
Resistance/phase(20°C)	8.8 Ω±10%
Inductance/phase(1V,1kHz)	2.7 mH±20%
Linear travel per step	0.005mm
Lead screw diameter	Ø 4mm
Lead screw lead	1mm
Grade	C7 (DY)
Insulation class	B
Insulation resistance	100MΩ(500VDC)
Heat rise	80°C
Motor weight	0.07 Kg

CUSTOMER

WIRING CHART



EXCITATION SEQUENCE

CW	→
Red A+	+
Red/wht A-	-
Grn B+	+
Grn/wht 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	±15'
3 ~ 6	±0.5	10 ~ 50	±30'
6 ~ 30	±0.8	50 ~ 120	±1°
30 ~ 120	±1.5	120 ~ 400	±1.5°

DRAWN

DATE

APPRVD

DATE

MODEL

8E2205BS14

DINGS'

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

