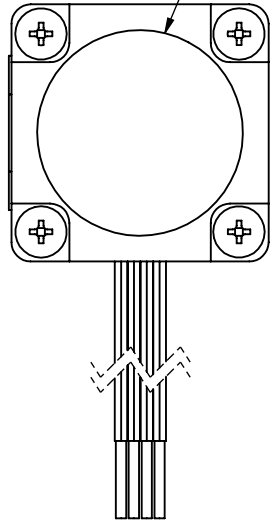


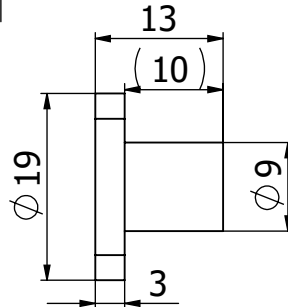
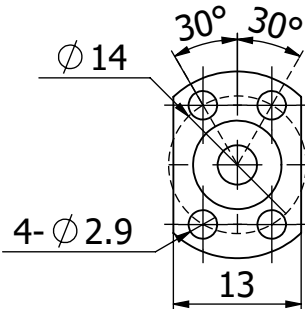
8E2105BS14

DINGS' MOTION
work order
DATE REV00

Sticker

 $L \pm 1$ 27 ± 0.5 1.5 ± 0.2

Label

 $\phi 16 - 0.05$ 4-M2 ∇ 2Min $\square 20$ $\square 15.4 \pm 0.15$ 320 ± 20
4leads
AWG#28

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.

REVISION

REV.

DATE

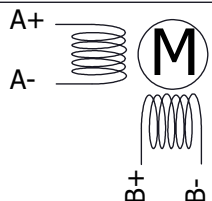
DESCRIPTION

DRAWN BY

Motor's phase	2
Step angle($\pm 5\%$)	1.8°
Rated current/phase	0.5 A(RMS)
Resistance/phase(20°C)	5.1 $\Omega \pm 10\%$
Inductance/phase(1V,1kHz)	1.5 mH $\pm 20\%$
Linear travel per step	0.005mm
Lead screw diameter	$\phi 4$ mm
Lead screw lead	1mm
Grade	C7 (DY)
Insulation class	B
Insulation resistance	100M Ω (500VDC)
Heat rise	80°C
Motor weight	0.05 Kg

CUSTOMER

WIRING CHART



EXCITATION SEQUENCE

CW	→
Red A+	+
Red/wht A-	-
Grn B+	+
Grn/wht B-	-
CCW	←

NOTICE TO PERSONS RECEIVING THIS DRAWING
THIS DRAWING IS ONLY CONDITIONALLY ISSUED, AND FOR THE SOLE PURPOSE OF INFORMING LICENSEES AND ASSOCIATE CONTRACTORS OF DINGS' MOTION, AND VENDORS THERETO AND CUSTOMERS THEREOF, RECEIPT OR POCESSION THEREOF DOES NOT CONFER TO TRANSFER ANY RIGHT IN THE SUBJECT MATTER OF THE DRAWING. THE DESIGN, CONSTRUCTION, TECHNICAL INFORMATION AND ALL OTHER SUBJECT MATTER SHOWN AND ASSOCIATE CONTRACTORS OF SAID CORPORATION AND ONLY FOR LICENSED MANUFACTURE, AND BY VENDORS MANUFACTURING FOR SAID CORPORATION AND ONLY FOR LICENSEES AND ASSOCIATECONTRACTORS.

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

8E2105BS14

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