

14E2215BS54

DINGS' MOTION  
work order  
DATE REV00

REVISION

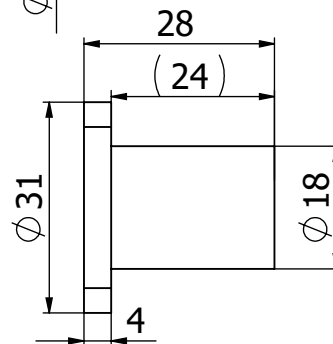
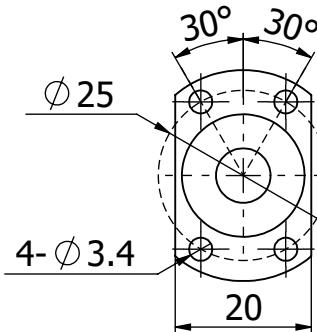
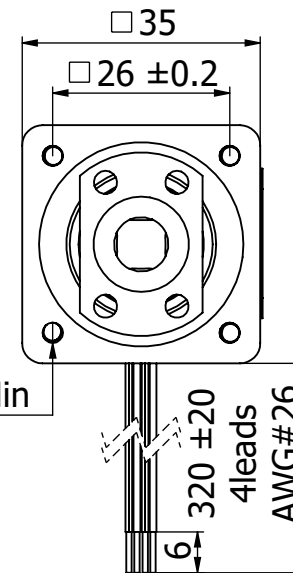
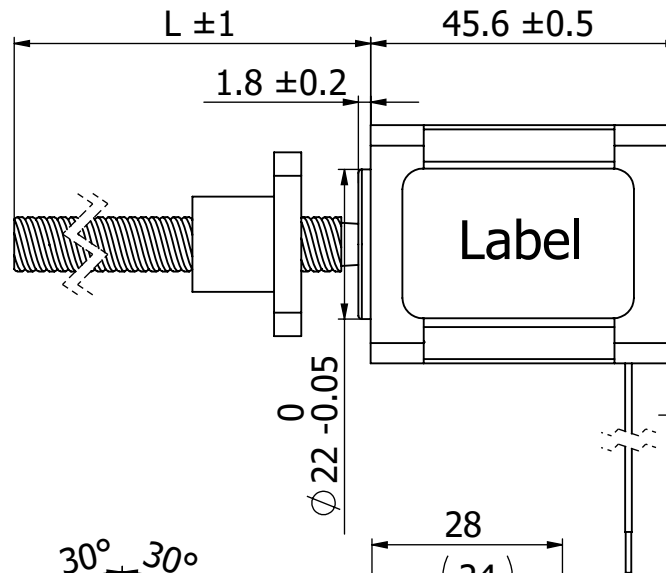
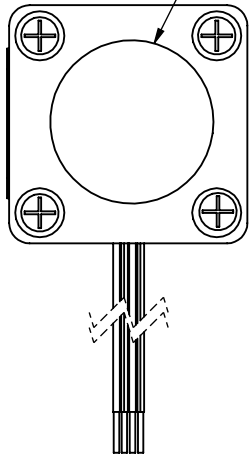
REV.

DATE

DESCRIPTION

DRAWN BY

Sticker

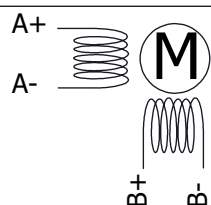


Notes,  
1.To maximize output force and life of linear actuators,  
radial load on lead screws should be avoided or be kept at a minimum.

|                           |               |
|---------------------------|---------------|
| Motor's phase             | 2             |
| Step angle(±5%)           | 1.8°          |
| Rated current/phase       | 1.5 A(RMS)    |
| Resistance/phase(20°C)    | 2.7 Ω±10%     |
| Inductance/phase(1V,1kHz) | 3.2 mH±20%    |
| Linear travel per step    | 0.025mm       |
| Lead screw diameter       | Ø 8mm         |
| Lead screw lead           | 5mm           |
| Grade                     | C7 (DY)       |
| Insulation class          | B             |
| Insulation resistance     | 100MΩ(500VDC) |
| Heat rise                 | 80°C          |
| Motor weight              | 0.21 Kg       |

## CUSTOMER

## WIRING CHART



## EXCITATION SEQUENCE

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

NOTICE TO PERSONS RECEIVING THIS DRAWING  
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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

14E2215BS54

**DINGS'**

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

