

6K21

DINGS' MOTION  
work order  
DATE REV00

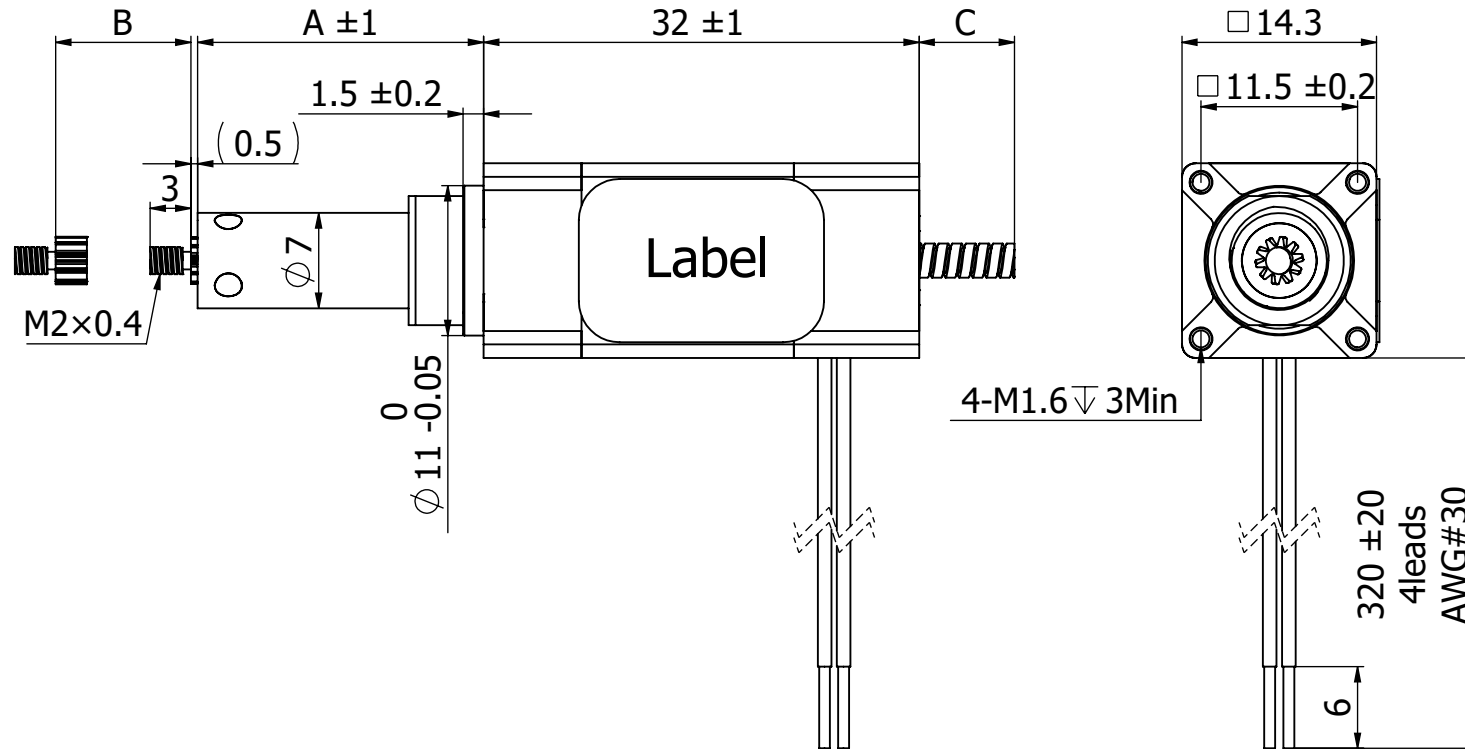
REVISION

REV.

DATE

DESCRIPTION

DRAWN BY

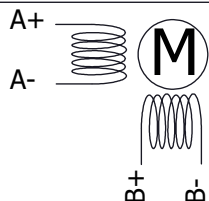


Notes,  
1.To maximize output force and life of linear actuators,  
radial load on lead screws should be avoided or be kept at a minimum.

|                           |               |
|---------------------------|---------------|
| Motor's phase             | 2             |
| Step angle(±5%)           | 1.8°          |
| Rated current/phase       | —             |
| Resistance/phase(20°C)    | —             |
| Inductance/phase(1V,1kHz) | —             |
| Linear travel per step    | —             |
| Lead screw diameter       | Ø2.5mm        |
| Lead screw lead           | —             |
| Nut material              | —             |
| Insulation class          | B             |
| Insulation resistance     | 100MΩ(500VDC) |
| 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    | ±15'  |
| 3 ~ 6    | ±0.5 | 10 ~ 50   | ±30'  |
| 6 ~ 30   | ±0.8 | 50 ~ 120  | ±1°   |
| 30 ~ 120 | ±1.5 | 120 ~ 400 | ±1.5° |

DRAWN

APPRVD

MODEL

DATE

DATE

6K21

**DINGS'**

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

