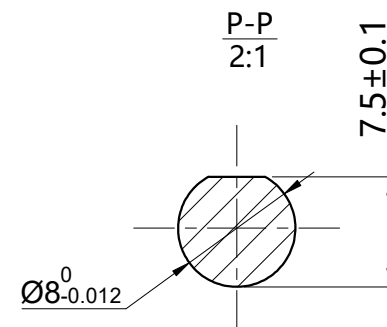
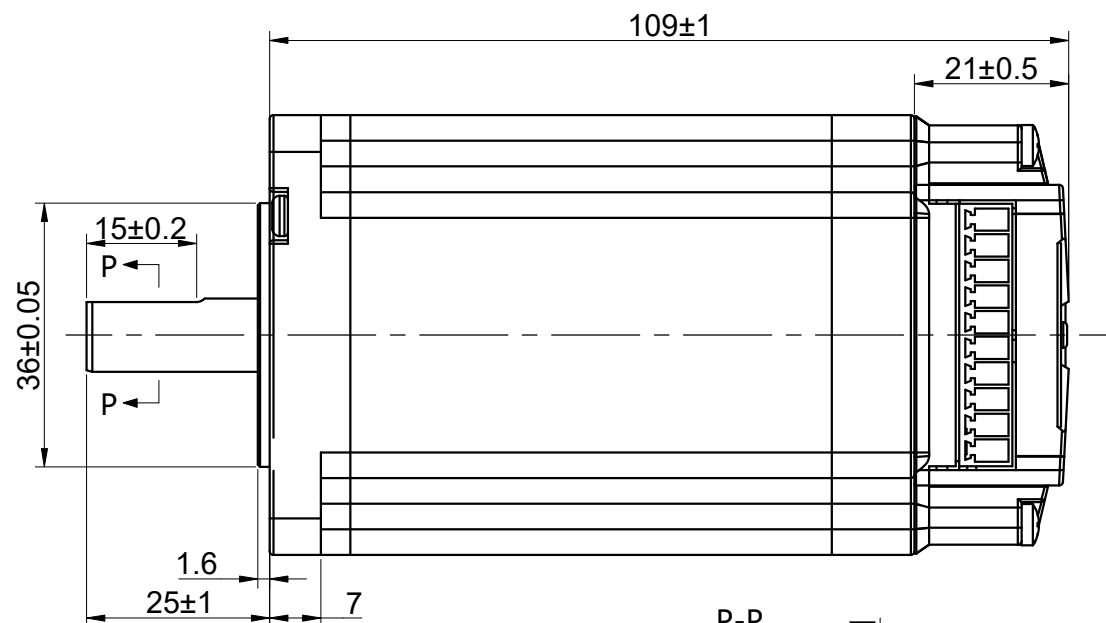
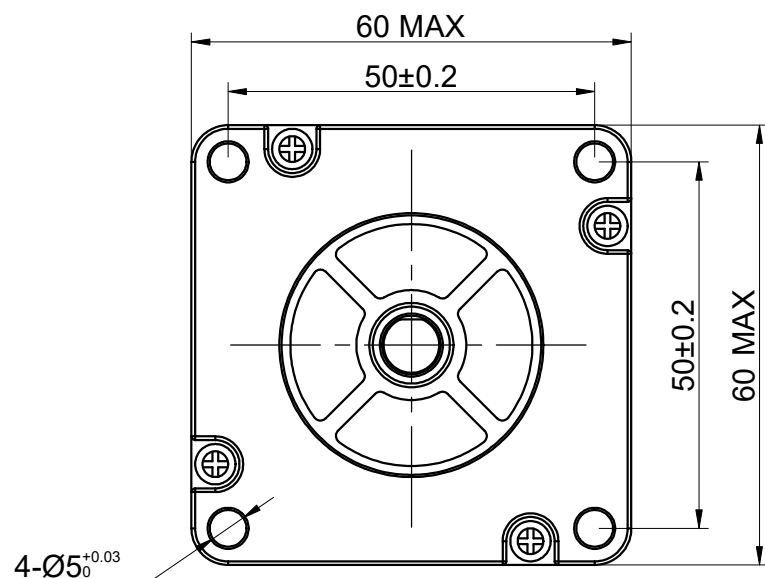


CUSTOMER'S MODEL: NO MODEL  
END COVER COLOR: BLACK

| REV. | REVISION RECORD | BY | DATE     |
|------|-----------------|----|----------|
| 0    | ORIGIN          | HW | 7.3.2024 |
|      |                 |    |          |



| CONNECTION                | BIPOLAR              |
|---------------------------|----------------------|
| SPECIFICATION             |                      |
| POWER VOLTAGE(V)          | 20-50                |
| PEAK CURRENT(A)           | 0.5-7.0              |
| LOGICAL VOLTAGE(V)        | 5                    |
| LOGICAL CURRENT(mA)       | 7-16                 |
| HOLDING TORQUE(Nm)[lb-in] | 3.00[26.55]          |
| STEP ANGLE(°)             | 1.80                 |
| STEP ACCURACY(NON-ACCUM)  | ±5.00%               |
| MAX. INPUT FREQUENCY      | 200KHZ               |
| WEIGHT(Kg)[lb]            | 1.60[3.53]           |
| AMBIENT TEMPERATURE       | 0°C~40°C[32°F~104°F] |
| INSULATION CLASS          | B 130°C[266°F]       |
| TEMPERATURE RISE          | MAX.80°C             |

| FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)                                                                                                                                      |    |    |    |    |                                                 | DIMENSIONS ARE IN MILLIMETERS |                                                                                       |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|-------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------|----------|
| STEP                                                                                                                                                                                    | A+ | B+ | A- | B- | <div><div></div><div></div></div> <div>CW</div> | CCW                           | TOLERANCES AS BELOW:                                                                  |          |
| 1                                                                                                                                                                                       | +  | +  | -  | -  |                                                 | DECIMALS                      | ANGLES                                                                                |          |
| 2                                                                                                                                                                                       | -  | +  | +  | -  |                                                 | X ±0.5                        | ±2°                                                                                   |          |
| 3                                                                                                                                                                                       | -  | -  | +  | +  |                                                 | X.X ±0.25                     |                                                                                       |          |
| 4                                                                                                                                                                                       | +  | -  | -  | +  |                                                 | X.XX ±0.13                    |                                                                                       |          |
|                                                                                                                                                                                         |    |    |    |    |                                                 | THIRD ANGLE PROJECTION        |  |          |
| THIS DOCUMENT SHALL NOT BE REPRODUCED<br>NOR SHALL THE INFORMATION CONTAINED<br>HEREIN BE USED BY OR DISCLOSED TO<br>OTHERS UNLESS EXPRESSLY AUTHORIZED IN<br>BY WRITING STEPPERONLINE. |    |    |    |    |                                                 | SIGNATURE                     |                                                                                       | DATE     |
|                                                                                                                                                                                         |    |    |    |    |                                                 | DRN                           | HW                                                                                    | 7.3.2024 |
|                                                                                                                                                                                         |    |    |    |    |                                                 | APVD                          | ZPJ                                                                                   | 7.5.2024 |

|                          |       |       |     |
|--------------------------|-------|-------|-----|
| STEPPERONLINE®           |       |       |     |
| INTEGRATED STEPPER MOTOR |       |       |     |
| iCL60-30                 |       |       |     |
| REV.                     | 0     | SCALE | 1:1 |
| DWG NO.                  | A3463 |       |     |