

A

B

C

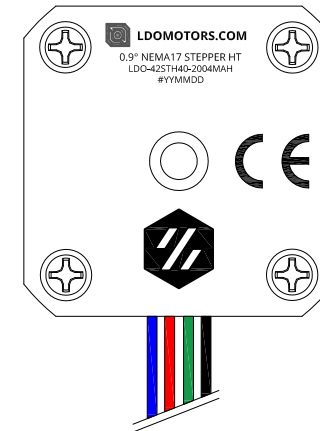
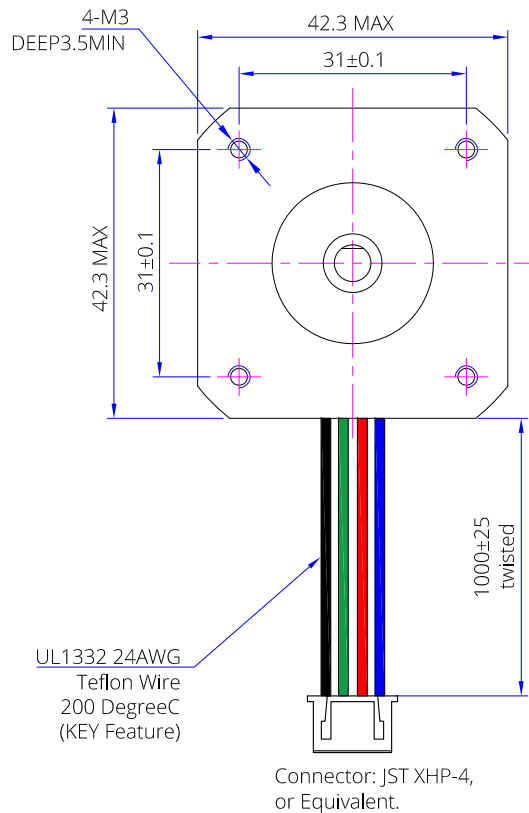
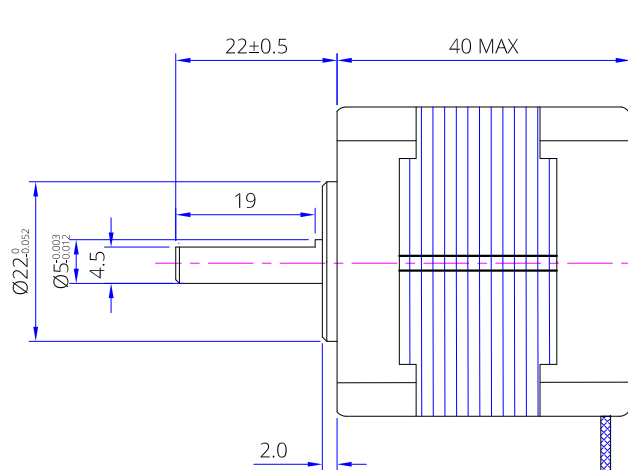
D

A

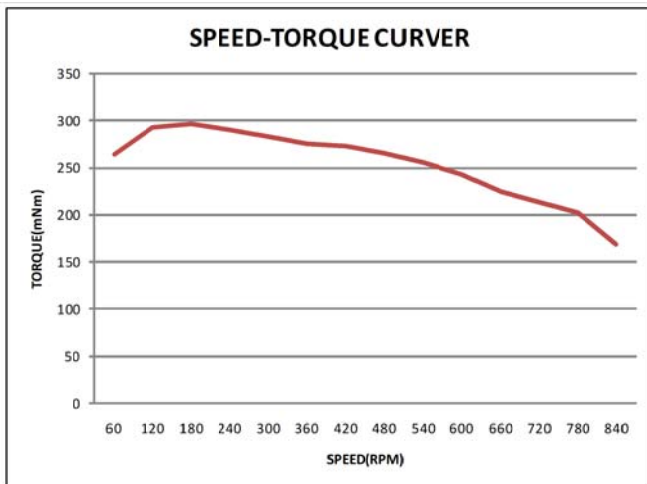
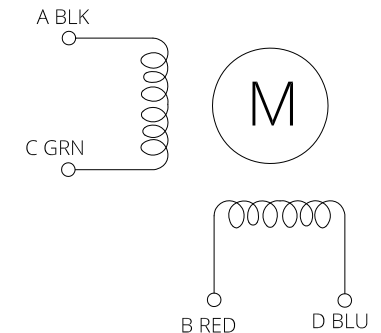
B

C

D



Diagram



| Item             | Specification       | Item                | Specification        |
|------------------|---------------------|---------------------|----------------------|
| Phase Number     | 2                   | Step Angle          | 0.9° ± 5%            |
| Rated Voltage    | DC 2.1V / Phase     | Rated Current       | DC 2.0A / Phase      |
| Phase Resistance | 1.1x(1±15%) Ω       | Phase Inductance    | 2.8x(1±20%) mH       |
| Holding Torque   | 3.5Kgf-cm (350mN-m) | Detent Torque       | 10 mN-m REF.         |
| Rotate Direction | A-AB-B CW           | Insulate Resistance | 100Mohm(DC500V)      |
| HI-POT           | AC600V/1mA/1S       | Insulation Class    | <b>Class H 180°C</b> |
| Rotor Inertia    | 71 g-cm² REF        | Weight              | 0.28 Kg REF          |

\* For Voron V1&2 A/B Motor (X/Y Motor), 2pcs per printer.

|                   |                    |                  |   |              |                  |
|-------------------|--------------------|------------------|---|--------------|------------------|
|                   |                    |                  |   |              |                  |
| A                 | ---                | NEW RELEASE      | Xu SD   | J.B.         | 8/25/20          |
| REV.              | ECN NO.            | DESCRIPTION      | MADE BY   | APPR. BY     | DATE             |
|                   |                    | VIEW<br>         | <b>LDO Motors Co., Ltd.</b><br>Part NO.<br><b>0.9° NEMA17 Stepper Motor HT<br/>LDO-425TH40-2004MAH(VRN)</b> |              |                  |
|                   |                    | SCALE<br>NA      |   |              |                  |
| DRAWN BY<br>Xu SD | CHECKED BY<br>J.B. | APPR. BY<br>J.B. | DATE<br>8/25/20   | FACTORY CODE | SHEET NO.<br>1/1 |