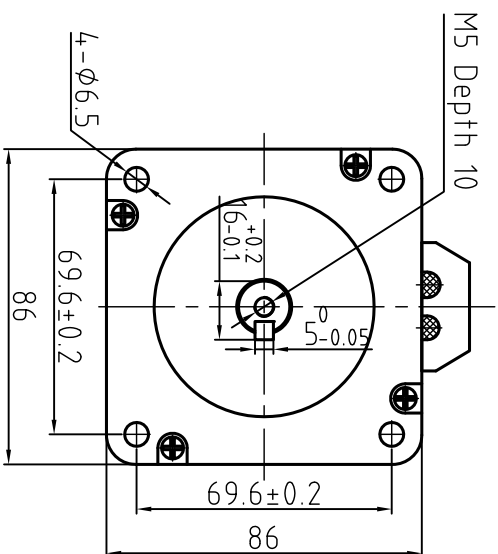
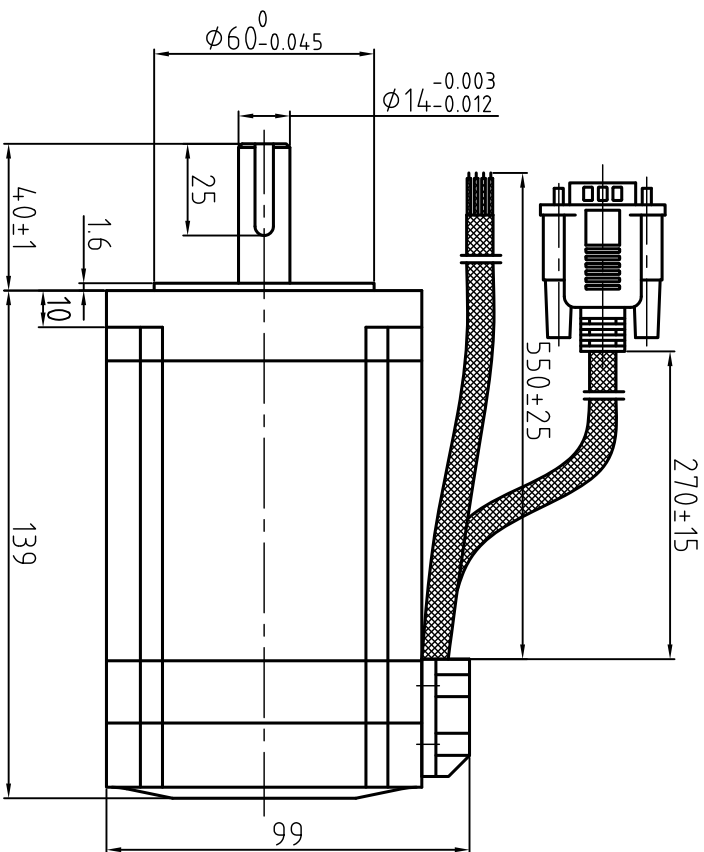
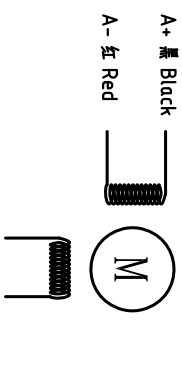


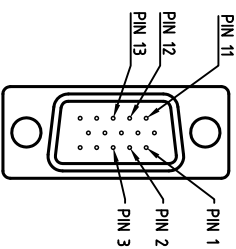
Dimension: (Unit: mm)



Motor Conenctions



Encoder Signals



|     |    |     |     |    |    |    |
|-----|----|-----|-----|----|----|----|
| PIN | 1  | 2   | 3   | 11 | 12 | 13 |
| 颜色  | 黑  | 红   | 白   | 黄  | 绿  | 蓝  |
| 定义  | A+ | VCC | GND | B+ | B- | A- |

Common Rating

|                       |                        |
|-----------------------|------------------------|
| Step angle            | 1.8°                   |
| Position accuracy     | 18±0.09°               |
| Dielectric strength   | 1000VAC 1min           |
| Insulation resistance | 100MΩhm(500VDC)        |
| Insulation class      | B                      |
| Temp rise(Max)        | 80K                    |
| Radial play           | Max:0.02mm(Load 4.50g) |
| Axial play            | Max:0.08mm(Load 900g)  |

Specification

|                     |                        |
|---------------------|------------------------|
| Current/phase       | 6.0 A                  |
| Voltage             | 3.2 V                  |
| DC Resistance/phase | ±10% 0.55 Ω            |
| Inductance/phase    | ±20% 4.2 mH            |
| Holding torque      | 8 N·M                  |
| Inertia             | 2.8 kg·cm <sup>2</sup> |
| Weight              | 4 kg                   |
| Encoder Resolution  | 1000 cpr               |

|          |          |                        |                                          |
|----------|----------|------------------------|------------------------------------------|
| 设计       | 日期       | 材料                     | 深圳市雷赛智能控制股份有限公司                          |
| 设计       | 日期       | 材料                     | SHEENZHEN LEADSHINE TECHNOLOGY CO., LTD. |
| 审核       |          | 第一角画法                  | 混合伺服电机                                   |
| 审核       |          | First Angle projection |                                          |
| 批准       |          | 重量Weight               | 86HBM80-1000                             |
| 批准       |          | 比例Scale                |                                          |
| 批准       |          | 阶段标志 Stage Mark        |                                          |
| 图号       | 图号       | 图号                     | 图号                                       |
| Part No. | Part No. | Part No.               | Part No.                                 |
|          |          | 共 1 套 第 1 套            | Sheet 1 of 1                             |
|          |          | 图号                     | 图号                                       |
|          |          | DWG. NO.               | LS-HBM86-04-5011-01                      |

|        |         |               |                |       |
|--------|---------|---------------|----------------|-------|
| 版本 Rev | 日期 Date | 变更文件号 ECH NO. | 变更内容 Revisions | 设计 By |
| V1.0   | 13.7.8  |               | 初版             | 王平    |
| V1.1   | 14.9.9  |               | 改进光轴编码器        | 王平    |