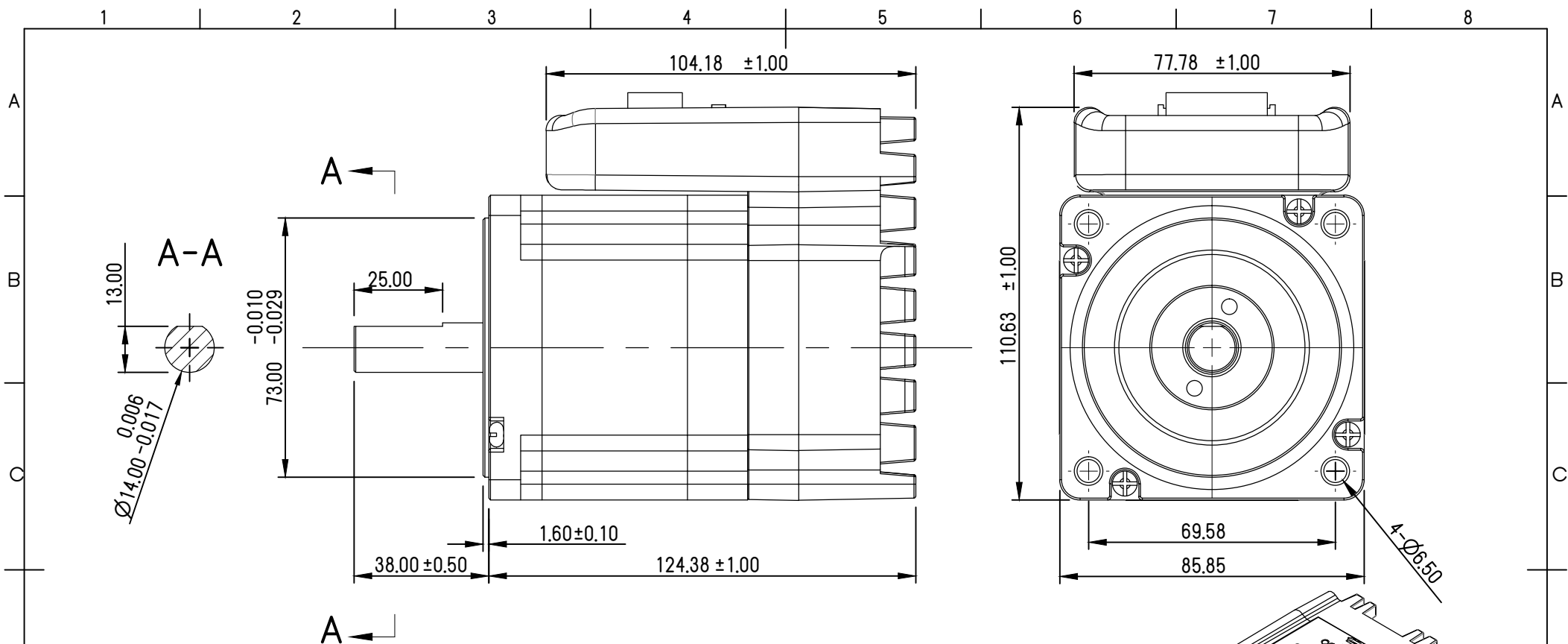
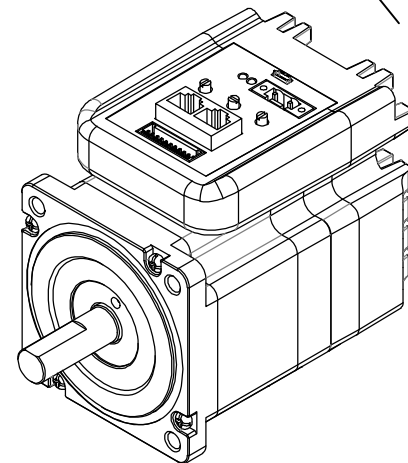
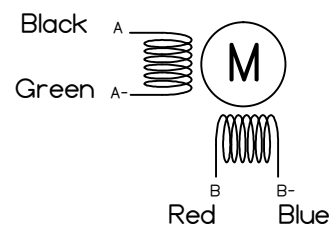




## MOTOR CONNECTIONS



## SPECIFICATION

|                     |                       |                             |                   |
|---------------------|-----------------------|-----------------------------|-------------------|
| Input Voltage       | 24-80VDC              | Weight                      | 2700g             |
| Number of phase     | 2                     | Dielectric Strength         | 500VDC            |
| Step angle          | 1.8°                  | Insulation Resistance       | 100mΩ             |
| Position Accuracy   | 1.8±0.09°             | Insulation Class (UL)       | F                 |
| Rated Current/phase | 6.0A                  | Temperature Rise Max        | 80°C              |
| Resistance/phase    | 0.34Ω±10%             | Working Ambient Temperature | 0-50°C            |
| Inductance/phase    | 2.7mH±20%             |                             |                   |
| Holding Torque      | 4.2 Nm                | Radial Play                 | 0.025MM(LOAD450g) |
| Rotate Inertia      | 1800g.cm <sup>2</sup> | Axial Play                  | 0.075MM(LOAD920g) |

|       |                     |               |                          |
|-------|---------------------|---------------|--------------------------|
| Dept. | Technical reference | Created by    | Approved by              |
|       |                     | Document type | Document status          |
|       |                     | Title         | INTEGRATED STEPPER MOTOR |
|       |                     | Rev.          | Date of issue            |
|       |                     |               | Sheet                    |

**Mach Motion Products**

STIC86-60-45-RC