

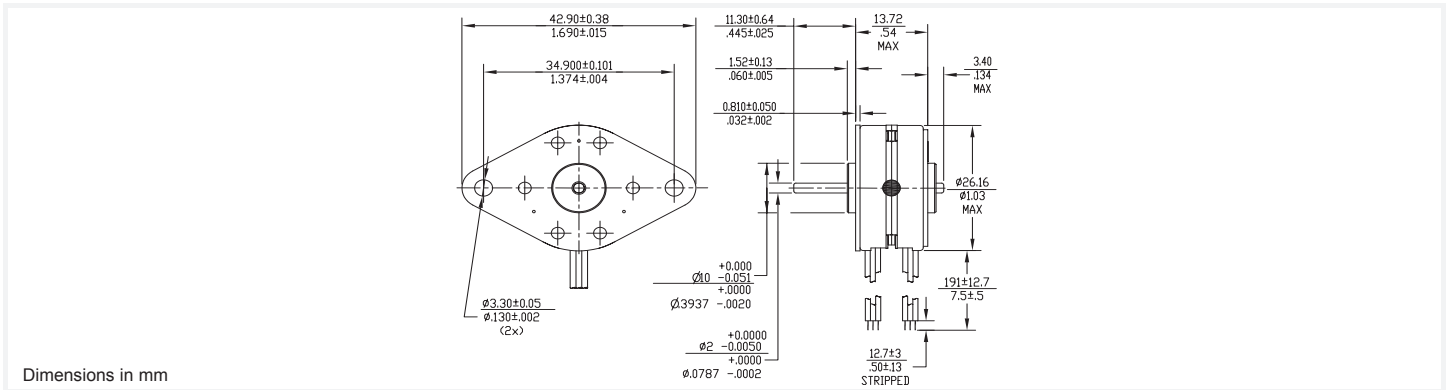
# Can Stack Stepper Motors

**26M048B**

RoHS Compliant

Ø26mm

10.6 mNm



## 26M048B

| Electrical Data                         | 26M048B1U<br>Unipolar | 26M048B2U<br>Unipolar          | 26M048B1B<br>Bipolar | 26M048B2B<br>Bipolar |  |
|---|-----------------------|--------------------------------|----------------------|----------------------|--|
| 1 Operating Voltage                     | 5                     | 12                             | 5                    | 12                   | VDC                                      |
| 2 Resistance per Phase, ± 10%           | 19.6                  | 110.0                          | 19.8                 | 108.0                | Ohms                                     |
| 3 Inductance per Phase, typ             | 5.3                   | 36.5                           | 13.0                 | 60.7                 | mH                                       |
| 4 Rated Current per Phase *             | 0.26                  | 0.11                           | 0.25                 | 0.11                 | A  |
| <b>Coil independent parameters</b>      |                       |                                |                      |                      |  |
| 5 Holding Torque, MIN *                 | 9.2 (1.3)             | 9.2 (1.3)                      | 10.6 (1.5)           | 10.6 (1.5)           | mNm (oz-in)                              |
| 6 Detent Torque, Max                    |                       | 0.85 (0.12)                    |                      |                      | mNm (oz-in)                              |
| 7 Rotor Inertia                         |                       | 1.1 (0.00601)                  |                      |                      | gcm <sup>2</sup> (oz-in-s <sup>2</sup> ) |
| 8 Step Angle                            |                       | 7.5                            |                      |                      | Degree                                   |
| 9 Absolute accuracy 2 ph. On, Full step |                       | ± .5                           |                      |                      | Degree                                   |
| 10 Steps per Revolution                 |                       | 48.0                           |                      |                      |  |
| 11 Ambient Temp Range (operating)       |                       | -20 to +70 (-4 to +158)        |                      |                      | °C (°F)                                  |
| 12 Maximum Coil Temperature             |                       | 130 (266)                      |                      |                      | °C (°F)                                  |
| 13 Bearing Type                         |                       | Sintered Bronze Sleeve         |                      |                      |  |
| 14 Insulation Resistance at 500 VDC     |                       | 100.0                          |                      |                      | Mohms                                    |
| 15 Dielectric Withstanding Voltage      |                       | 650 for 2 seconds              |                      |                      | VAC                                      |
| 16 Weight                               |                       | 34 (1.2)                       |                      |                      | g (oz)                                   |
| 17 Leadwire                             |                       | AWG #28, UL1429 (80° C, 150 V) |                      |                      |  |

All Motor Data Values at 20°C Unless Otherwise Specified

\* Energize at Rated Current, 2 Phase On

