

Characteristics:

Low current, Low noise, High torque, Highly reliable, Wide working temperature



Specifications:

|                                  |                           |
|----------------------------------|---------------------------|
| Dimensions (mm)                  | : Ø 20.4 X 15.4 X 25.0 mm |
| Shaft Diameter (mm)              | : Ø 2.00 mm               |
| Input Voltage (V)                | : 12.0 V DC               |
| No Load Speed (rpm)              | : 15740 rpm               |
| No Load Current (A)              | : 0.12 A                  |
| Nominal Speed (rpm)              | : 13000 rpm               |
| Nominal Torque (mNm)             | : 2.86 mNm                |
| Nominal Current (mA)             | : 0.55 A                  |
| Stall Torque (mNm)               | : 16.20 mNm               |
| Stall Current (mA)               | : 2.57 A                  |
| Maximum Output Power (W)         | : 6.70 W                  |
| Maximum Efficiency (%)           | : 59%                     |
| Torque (mNm) - Max Eff           | : 2.86 mNm                |
| Speed at Max Efficiency (rpm)    | : 13000 rpm               |
| Life (Typical) (hr)              | : 100 hours               |
| Weight (g)                       | : 20 g                    |
| Operating Temperature Range (°C) | : -40 to 85 °C            |
| Storage Temperature Range (°C)   | : -20 to 85 °C            |
| Electrical Connection            | : Female Terminals        |

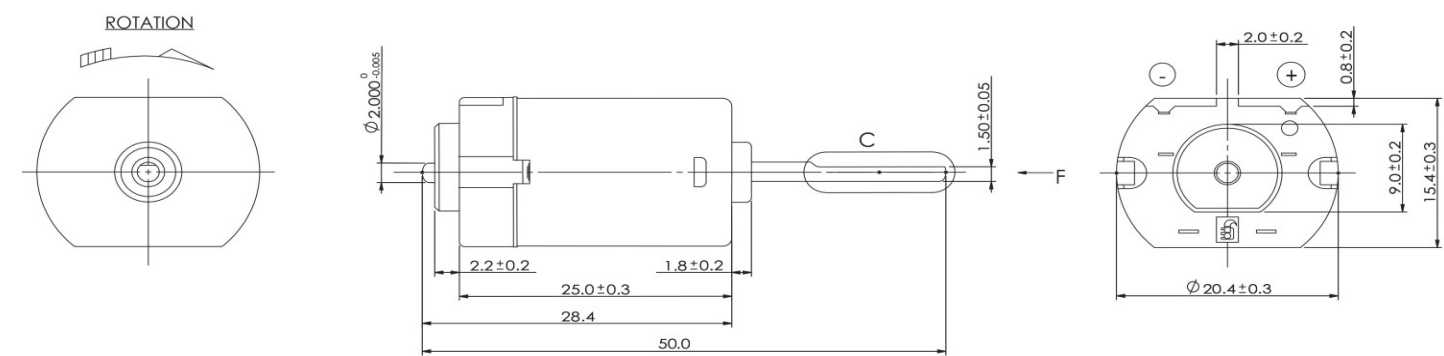
Performance Data:

|                          | No Load  | Stall | Max. Efficiency | Max. Power |
|--------------------------|----------|-------|-----------------|------------|
| Current (A)              | 0.12     | 2.57  | 0.55            | 1.34       |
| Efficiency (%) - Max Eff | -        | -     | 59.00           | 66.00      |
| Output Power (W)         | -        | -     | 3.88            | 6.70       |
| Speed (rpm)              | 15740.00 | -     | 13000.00        | 8000.00    |
| Torque (mNm)             | -        | 16.20 | 2.86            | 8.11       |

Application Examples:

Door Locks, Door Closure Assist, Door Switches, Latching / Cinching, Lock for Door and Trunk, Locks

Drawing:



Performance Curves:

