

Characteristics:

Low Voltage DC Motors

**Specifications:**

Dimensions (mm)	: Ø 20.4 X 15.4 X 25.0 mm
Shaft Diameter (mm)	: Ø 2.000 mm
Input Voltage (V)	: 12.0 V DC
No Load Speed (rpm)	: 24647 rpm
No Load Current (A)	: 0.21 A
Nominal Speed (rpm)	: 19560 rpm
Nominal Torque (mNm)	: 3.34 mNm
Nominal Current (A)	: 1.08 A
Stall Torque (mNm)	: 17.47 mNm
Stall Current (A)	: 4.58 A
Maximum Output Power (W)	: 11.06 W
Maximum Efficiency (%)	: 52.69 %
Torque (mNm) - Max Eff	: 3.34 mNm
Speed (rpm) - Max Eff	: 19560 rpm
Operating Temperature Range (°C)	: -10 to 55 °C
Storage Temperature Range (°C)	: -20 to 80 °C
Electrical Connection	: Terminals

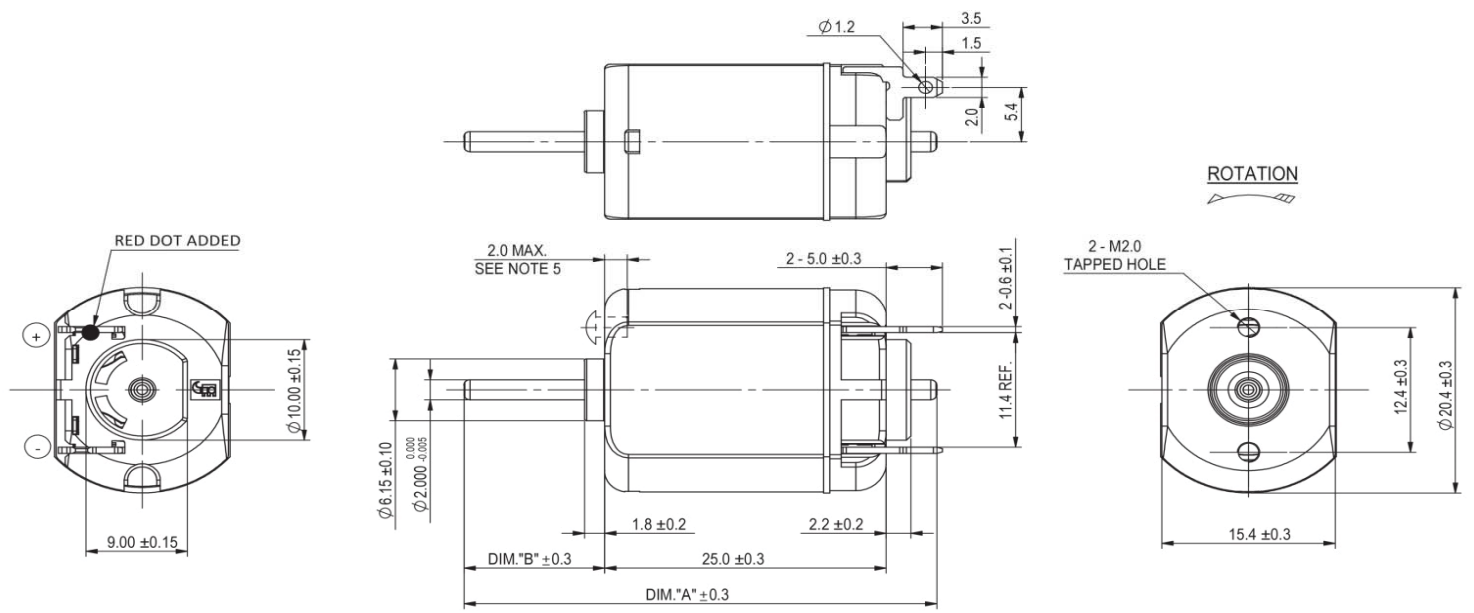
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.21	4.58	1.08	2.42
Efficiency (%)	-	-	52.69	41.00
Output Power (W)	-	-	6.85	11.06
Speed (rpm)	24647.00	-	19560.00	12093.00
Torque (mNm)	-	17.47	3.34	8.74

Application Examples:

Door Locks, Actuators

Drawing:



Performance Curves:

