

Characteristics:

Compact, high power density PMDC motor

Specifications:

Dimensions	: Ø 18.3 X 30.5 mm
Shaft Diameter	: Ø 2.000 mm
Input Voltage	: 12.5 V DC
No Load Speed	: 13650 rpm
No Load Current	: 0.28 A
Stall Torque	: 34.00 mNm
Stall Current	: 4.60 A
Maximum Output Power	: 12.20 W
Maximum Efficiency	: 57%
Weight	: 33 g
Operating Temperature Range	: -40 to 85 °C
Storage Temperature Range	: -40 to 100 °C
Electrical Connection	: Plug-in Slot Termination
Certification	: RoHS

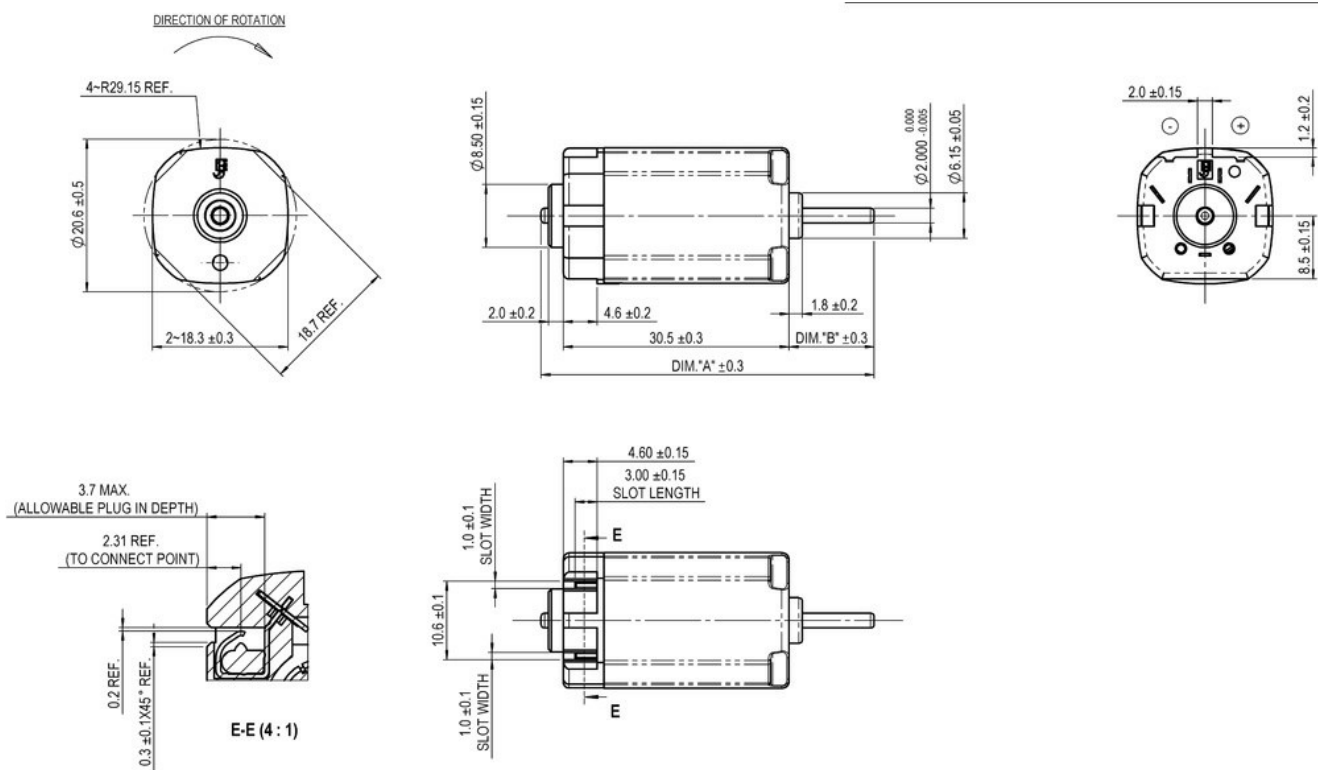
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.28	4.60	1.13	2.45
Efficiency (%)	-	-	57	41
Output Power (W)	-	-	7.70	12.20
Speed (rpm)	13650	-	10960	6825
Torque (mNm)	-	34.00	6.70	17.00

Application Examples:

Lock for Door and Trunk

Outline Drawing:



Units in Metric

Characteristics:

Compact, high power density PMDC motor

Specifications:

Dimensions	: Ø 20 X 20 X 30.5 mm
Shaft Diameter	: Ø 2.000 mm
Input Voltage	: 13.5 V DC
No Load Speed	: 9700 rpm
Stall Torque	: 47.50 mNm
Output Power at Maximum Efficiency	: 6.60 W
Maximum Efficiency	: 62%
Weight	: 36 g
Operating Temperature Range	: -40 to 85 °C
Storage Temperature Range	: -40 to 100 °C
Electrcial Connection	: Plug-in Slot Termination
Certification	: RoHS

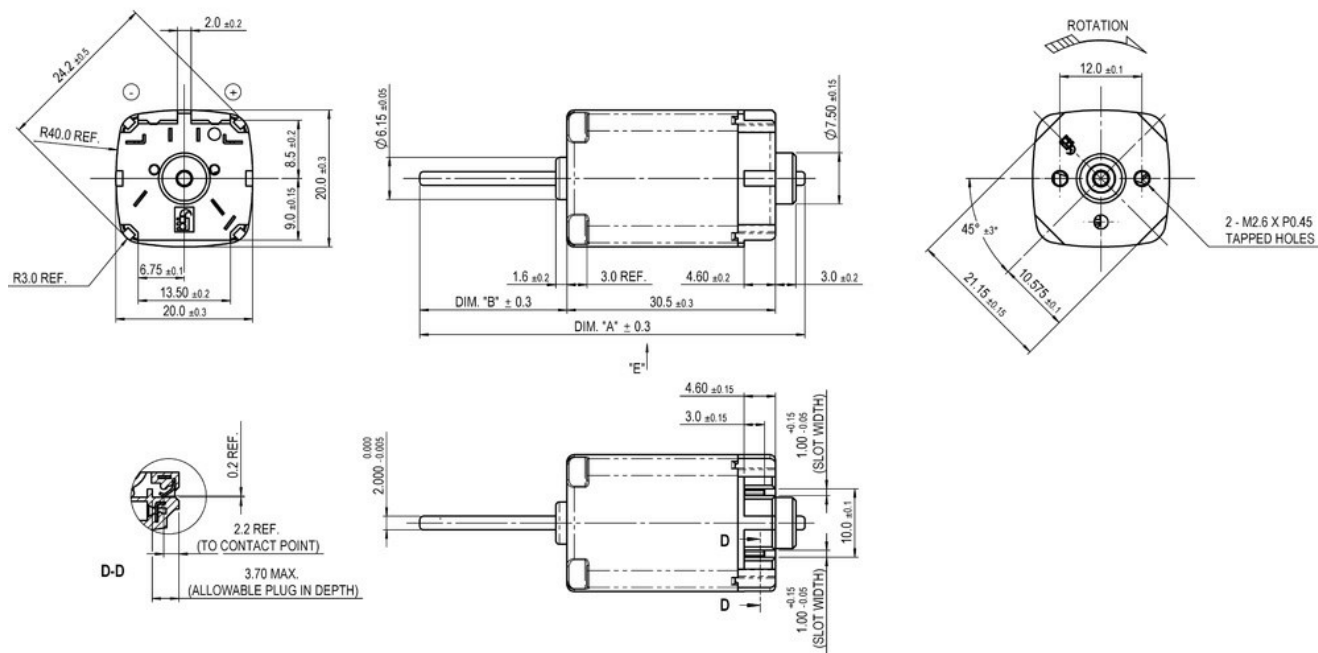
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.16	4.10	0.80	2.10
Efficiency (%)	-	-	62	43
Output Power (W)	-	-	6.60	12.10
Speed (rpm)	9700	-	8120	4850
Torque (mNm)	-	47.50	7.78	23.80

Application Examples:

Lumbar Supports, Electric Steering Column Lock

Outline Drawing:



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