

Stepper Motor

2.0 Degree Stepper Motor
PN 16262

COBHAM

2016 Data Sheet

The most important thing we build is trust

Features:

- Rare Earth Magnets
- Un-housed
- Redundant windings

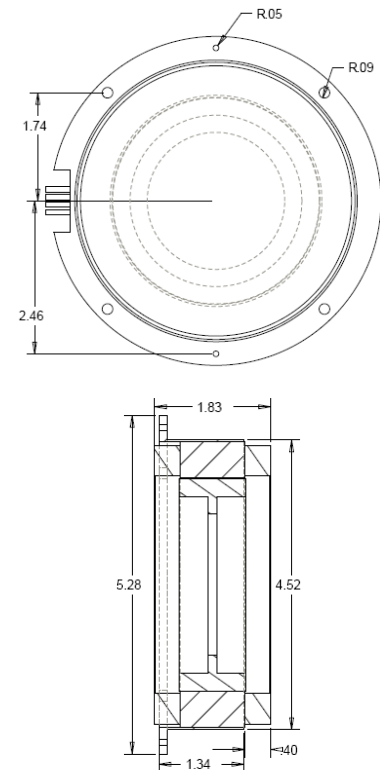
Description:

A 2.0 degree stepper motor for high reliability applications. Typically used on spacecraft and aerospace platforms.



Specifications

Specification	Value	Units	Basis
Step Angle	2.0	degrees	Nominal
Step Rate	17	pps	Maximum
Voltage	70	VDC	Maximum
Power	15	watts	Nominal
Km	39	in-oz \sqrt watts	Nominal
Running Torque	75	in-oz	70 volts @ 6 pps
Holding Torque Kt	700	in-oz/amp	Nominal
Holding Torque	80	in-oz	Minimum
Unpowered Torque	4	in-oz	Minimum
Phase Resistance	320	ohms	Nominal
Phase Inductance	115	mH	Nominal
Number of Phases/Poles	4/90	phase/poles	By Design
Redundant Windings	Yes	windings	By Design
Weight	2.5	pounds	Nominal



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