

# 38019-MS

## Gearhead Stepper Motor - NEMA 8 - 8.75V

**MFG:** MOONS

**P/N:** MS08HG1P4025-01G

**COIL:** 8.75V/0.25A/35ohms/10mH

**TYPE:** 2 Phase Bi-Polar 4 lead

**STEP ANGLE:** 1.8 deg (Basic Motor)

Gear Ratio: 45.2

Holding Torque: 0.022 Nm

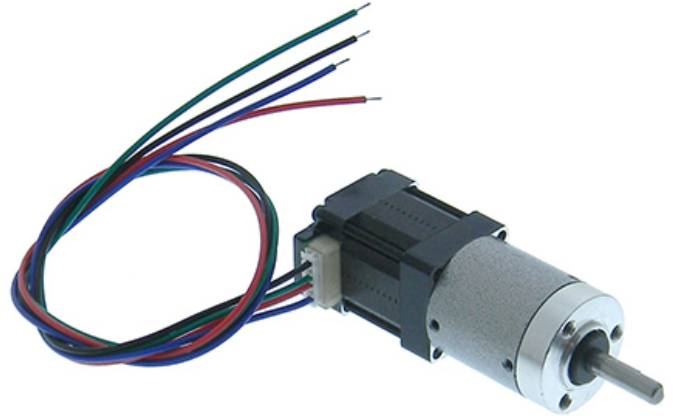
New Semi custom, single shaft, step motor,  
4mm x 15mm steel shaft with 6mm Flat.

Operating Temp. Range: -20 ~+50°C

3 M3 x 0.5 Front mounting holes.

30mm (~1-3/4in.) pigtail cable.

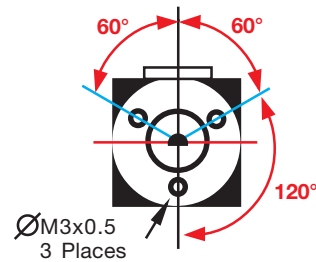
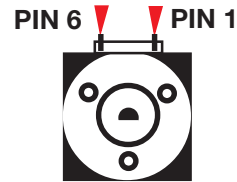
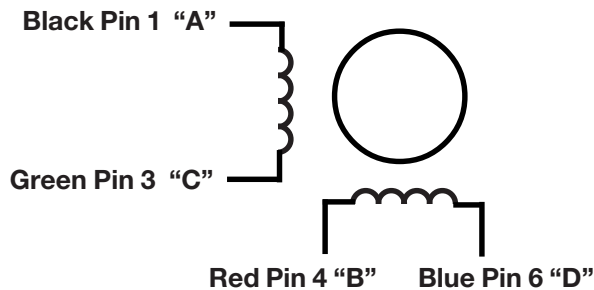
**L:** 2-3/16" (Body) **W:** 3/4" **H:** 15/16" **WT:** .19



### 4 Lead (Bipolar) Full Step

STEP	Phase 1		Phase 2	
	A	C	B	D
1	+	-	+	-
2	-	+	+	-
3	-	+	-	+
4	+	-	-	+

CW      CW & CCW Rotation as Viewed from Shaft End      CCW



**Front View**

Information including Drawings, Schematics, Links and Code (Software) Supplied or Referenced in this Document is supplied by MPJA inc. as a service to our customers and accuracy or usefulness is not guaranteed nor is it an Endorsement of any particular part, supplier or manufacturer. Use of information and suitability for any application is at users own discretion and user assumes all risk.

Information Subject to Change Without Notice  
All rights are retained by the respective Owners/Author(s)



**MARLIN P. JONES & ASSOC., INC.**

P.O. Box 530400 Lake Park, FL 33403  
800-652-6733 FAX 561-844-8764  
WWW.MPJA.COM