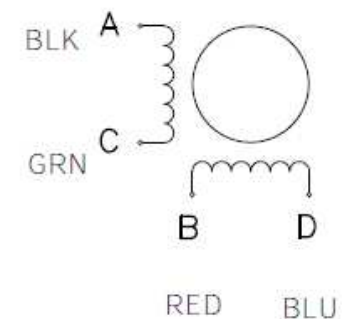


PRELIMINARY

Pin No. vs. Lead Wire Colour Wiring Diagram

PIN No.	Colour
1	BLU
2	RED
3	BLK
4	GRN



EXCITING Sequence vs. Direction of Rotation

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

Clockwise view from mounting side

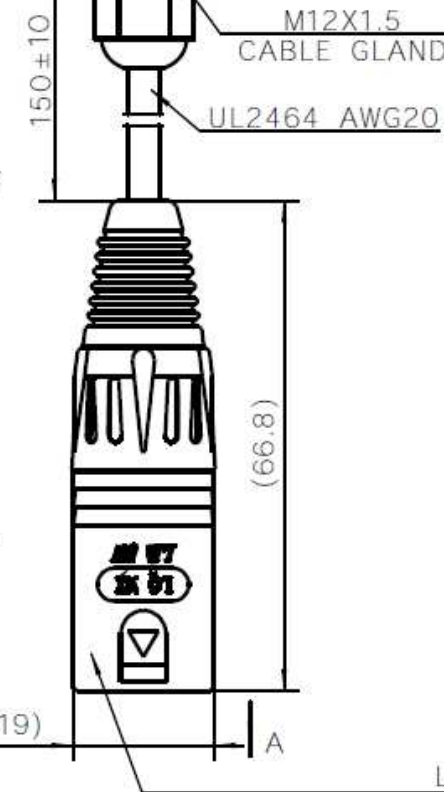
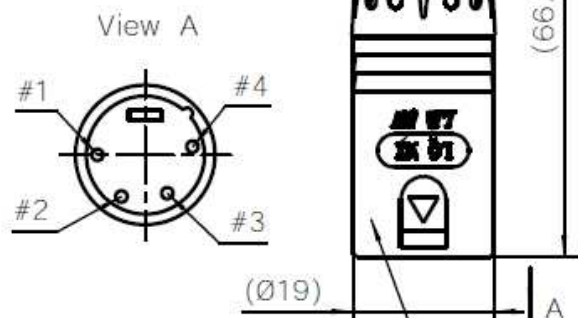
Label Detail

TYPE 4611110009187  
 P/N MP-2302  
 2.0A 3.4V 274oz-in  
 XXXXXXXX YY/MM/DD

Work Order Date Format

Specifications

1. Number of Phase	2
2. Step Angle	1.8°
3. Rated Voltage	3.4V DC
4. Rated Current	2.0 Amp
5. Holding Torque	1.72 N.m Min.(Two phase on/rated current)
6. Phase Resistance	1.7 ohm±15%(20°C)
7. Phase Inductance	8.3 mH±20%(1kHz 1V rms)
8. Rotor Inertia	460g.cm <sup>2</sup>
9. Motor Weight	1kg
10. Insulation Class	B(130°C)



CONTROL MADE SIMPLE

444 Lake Cook Road Suite 22, Deerfield, IL 60015  
 Tel. (847) 940.9305 Fax (847) 940.9315  
 www.flashcutcnc.com

Part Number: **MP-2302**

Part Description: **NEMA 23 2 Stack High Torque Stepper Motor**

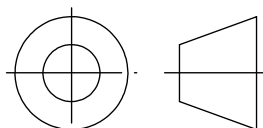
Material:

Color:

Tolerance: X.XX ± 0.010  
 X.XXX ± 0.005  
 X.XXXX ± 0.001  
 BEND ± 1°

Finish:

Author:



Date: **2013.10.24**

Units: **mm**

Revision: **A**

Scale: **None**

Sheet: **1 OF 1**