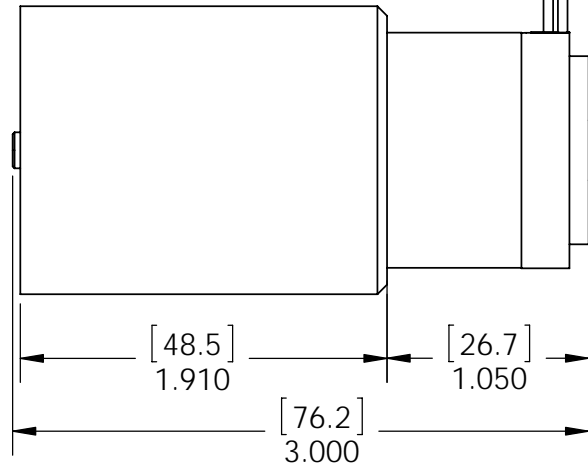
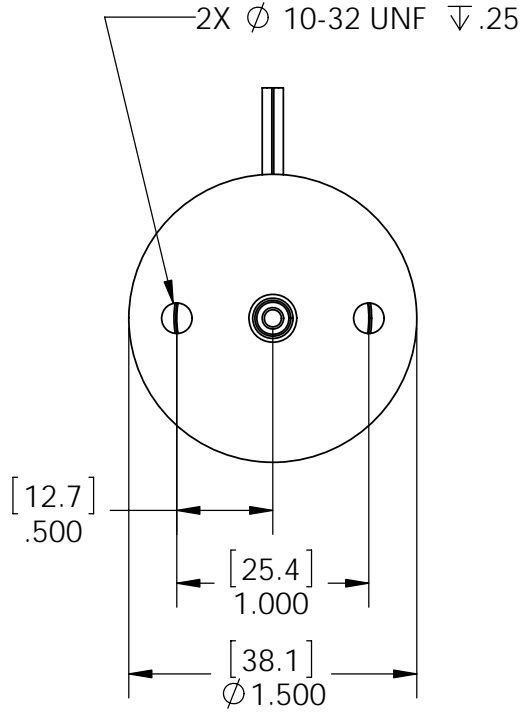


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REVISION TABLE						
REV	ECN#	DESCRIPTION		REV BY	APPROVED	DATE
---	---	Original Drawing		JRM	MPW	11-14-12

Power Leads (2) #24 AWG - Black and White

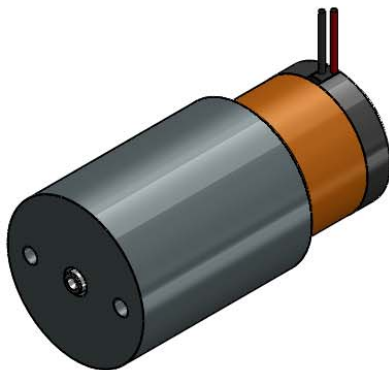
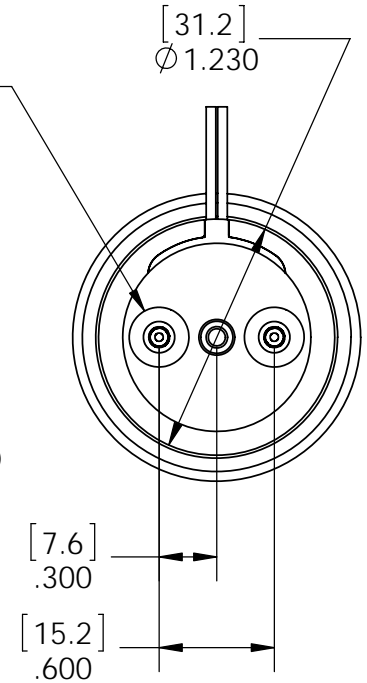


Shown at Midstroke

8-32 BHCS (can be removed to utilize the threaded holes for mounting)(2 Pl.)

MOTION

Motion
(Coil moves out of magnet assembly when + connected to white and - connected to black)



UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX \pm .005 ANGLES \pm 1°
.XX \pm .010 FILLETS .010
.X \pm .020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	11-14-12	MPW	11-14-12

TITLE			
Moving Coil Non-Comm Actuator Model # NCC14-15-023-1PBS			
DWG #	REV	SHEET	
30-1066	---	1 of 2	

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MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC14-15-020-1PBS	
Stroke	1.44"	36.6 mm
Radial Clearance	0.010" per side	0.25 mm per side
Bearing Type	Plastic Bushings	
Moving Mass	0.17 lbs	76 grams
Total Mass	0.93 lbs	420 grams
Resistance @ 20C	4.6 ohms	
Inductance @ 20C	2.8 mH	
Electrical Time Constant	0.60 msec	
Motor Constant	0.64 LBS/SQRT(Watt)	2.85 N/SQRT(Watt)
Force Constant	1.4 LBS/Amp	6.2 N/Amp
Back EMF	0.16 V/ips	6.2 V/m/sec
Continuous Force	2.0 LBS	8.9 N
Max Power @ 100% Duty	10 Watts	
Peak Force	6.0 LBS	26.7 N
Max Power @ 10% Duty	88 Watts	

TITLE	Moving Coil Non-Comm Actuator Model # NCC14-15-023-1PBS		
DWG #	30-1066	REV	---
		SHEET	2 of 2