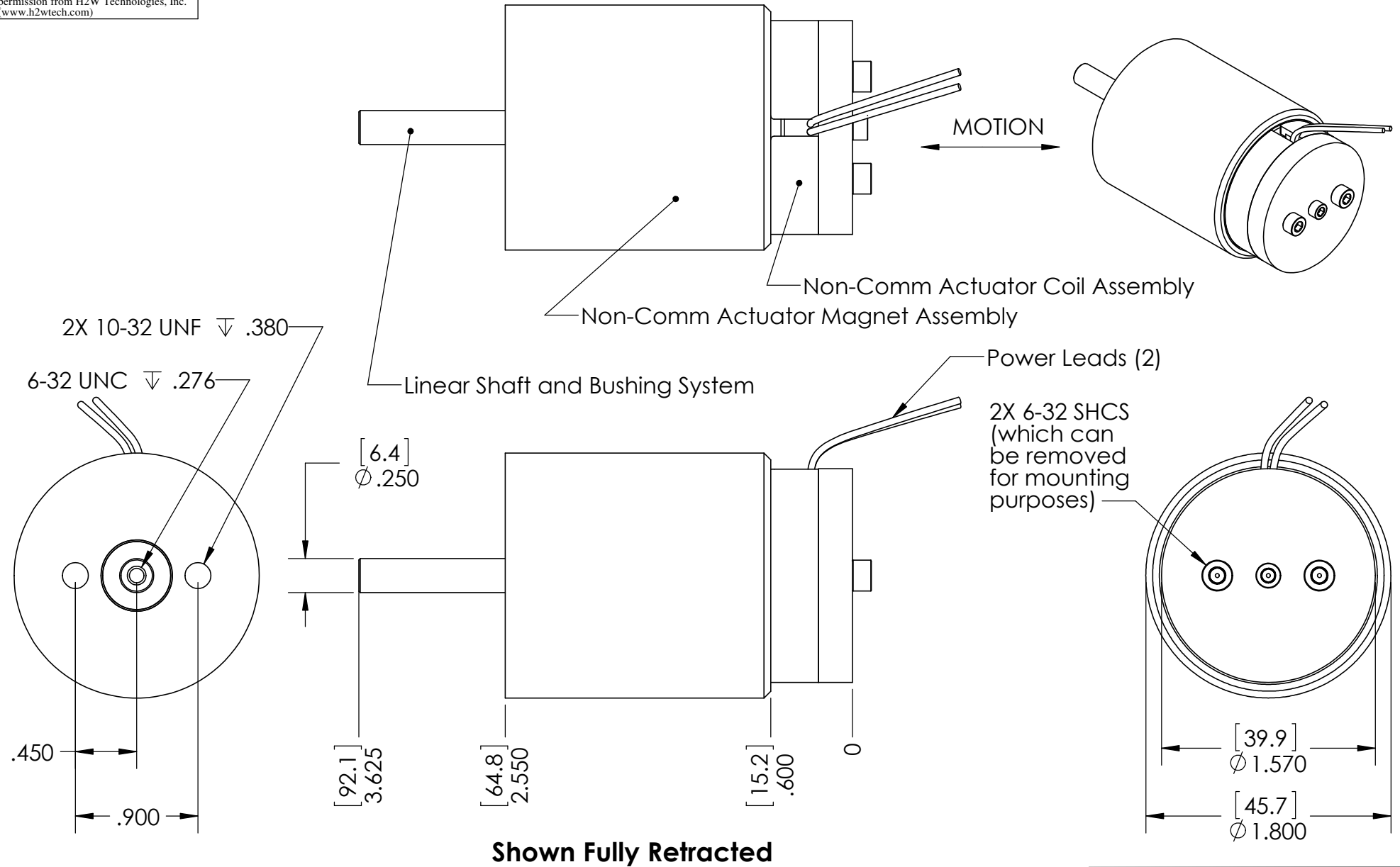


These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc. (www.h2wtech.com)



Shown Fully Retracted

H2W Technologies, Inc.
 26470 Ruether Ave. #102 Santa Clarita, CA 91350 USA
 Tel: (661)251-2081 Fax: (661)251-2067
 www.h2wtech.com

UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows .XXX ±.005 ANGLES ±1° .XX ±.010 FILLETS .010 X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges				MATERIAL				TITLE Moving Coil Non-Comm Actuator Model #NCC05-18-060-2PBS		
				FINISH						
DRAWN JRM	DATE 7-9-13	APPROVED MPW	DATE 7-9-13	DWG # 30-1138	REV	SHEET 1 of 2				

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC05-18-060-2PBS	
Stroke	0.50"	12.7 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	Sliding Contact	
Moving Mass	0.26 lbs	120 grams
Total Mass	1.27 lbs	575 grams
Resistance @ 20C	11.5 ohms	
Inductance @ 20C	4.5 mH	
Electrical Time Constant	0.39 msec	
Motor Constant	1.78 LBS/SQRT(Watt)	7.92 N/SQRT(Watt)
Force Constant	6.3 LBS/Amp	27.8 N/Amp
Back EMF	0.7 V/ips	27.8 V/m/sec
Continuous Force	6.0 LBS	26.7 N
Max Power @ 100% Duty	12 Watts	
Peak Force	18.0 LBS	80.1 N
Max Power @ 10% Duty	102 Watts	