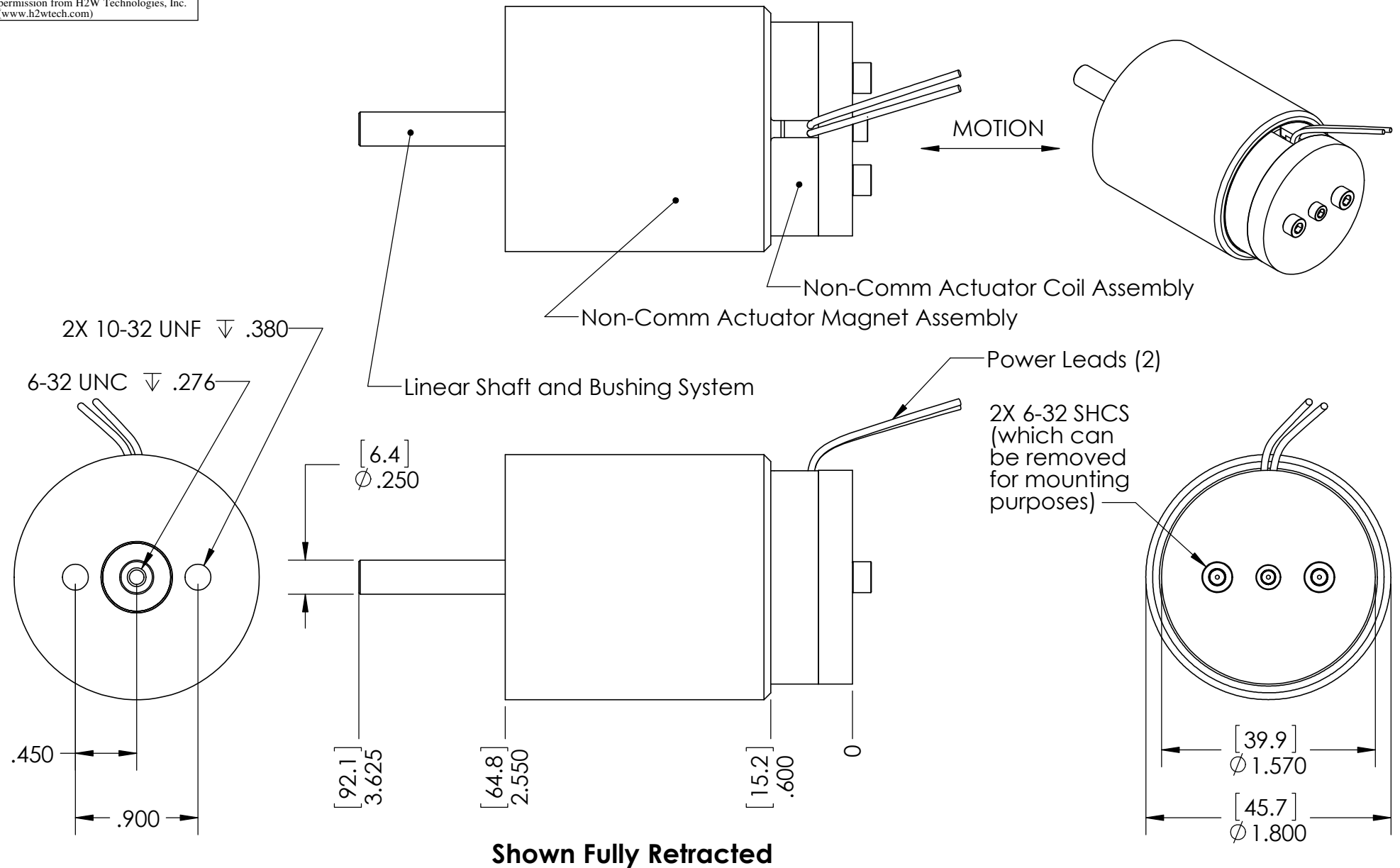


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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX \pm .005 ANGLES \pm 1°
.XX \pm .010 FILLETS .010
X \pm .020 CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	7-9-13	MPW	7-9-13

TITLE		
Moving Coil Non-Comm Actuator Model #NCC05-18-060-2PBS		
DWG #	REV	SHEET
30-1138		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	