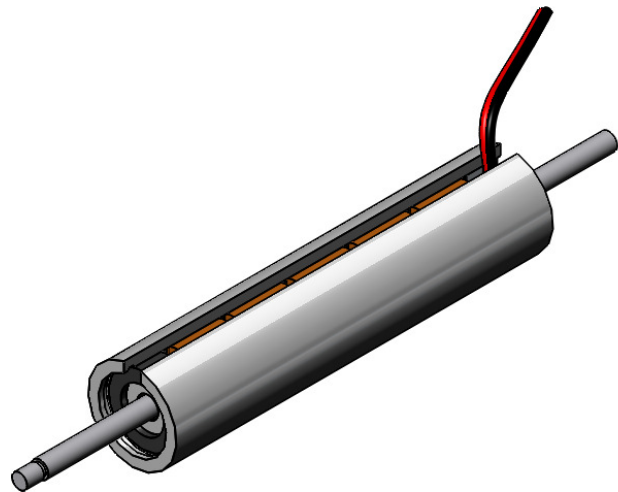
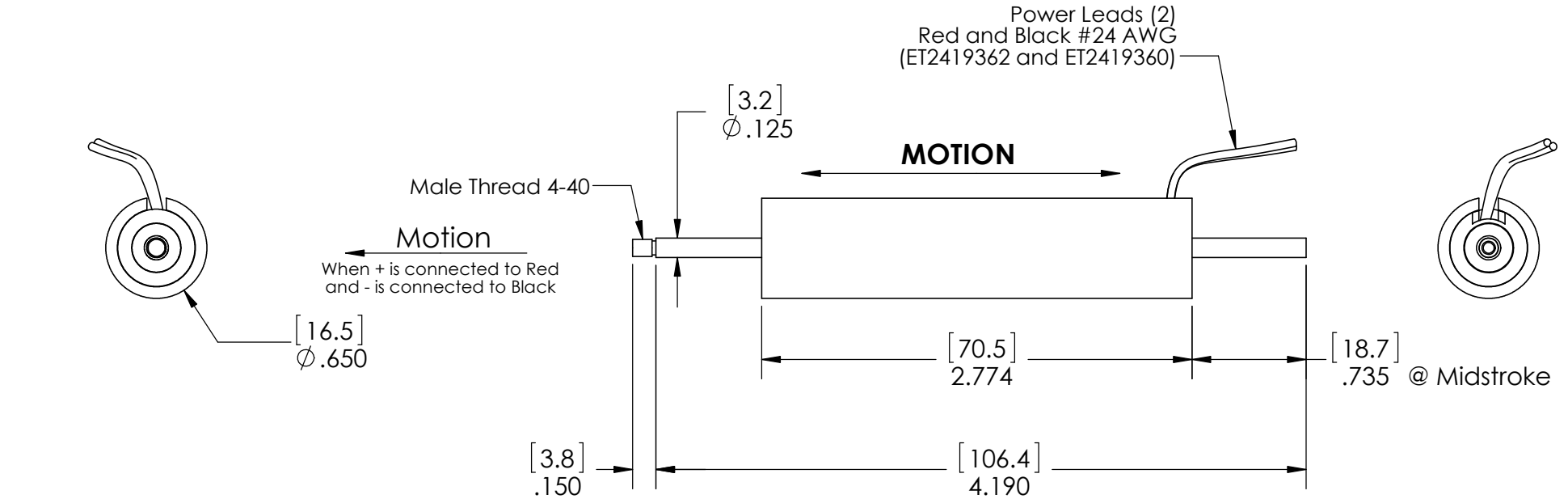


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| REVISION TABLE | | | | | |
|----------------|------|------------------|--------|----------|----------|
| REV | ECN# | DESCRIPTION | REV BY | APPROVED | DATE |
| --- | --- | Original Drawing | JRM | MPW | 12-12-12 |



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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 Burs and Sharp Edges

| MATERIAL | | FINISH | |
|----------|----------|----------|----------|
| DRAWN | DATE | APPROVED | DATE |
| JRM | 12-12-12 | MPW | 12-12-12 |

TITLE
Moving Magnet Non-Comm DC Linear Actuator
Model# NCM03-06-005-5JBL

| DWG # | REV | SHEET |
|----------------|-----|--------|
| 30-1074 | --- | 1 of 2 |

| MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS | | |
|-------------------------------------------------------|---------------------|-------------------|
| Motor P/N | NCM03-06-005-5JBL | |
| Stroke | 0.32" | 8.1 mm |
| Radial Clearance | N/A in | N/A mm |
| Bearing Type | Jeweled Bushings | |
| Moving Mass | 0.03 lbs | 15 grams |
| Total Mass | 0.24 lbs | 109 grams |
| Resistance @ 20C | 5.0 ohms | |
| Inductance @ 20C | 0.54 mH | |
| Electrical Time Constant | 0.11 msec | |
| Motor Constant | 0.35 LBS/SQRT(Watt) | 1.56 N/SQRT(Watt) |
| Force Constant | 0.79 LBS/Amp | 3.5 N/Amp |
| Back EMF | 0.09 V/ips | 3.5 V/m/sec |
| Continuous Force | 0.5 LBS | 2.2 N |
| Max Power @ 100% Duty | 2 Watts | |
| Peak Force | 1.5 LBS | 6.7 N |
| Max Power @ 10% Duty | 18 Watts | |