

4

3

2

1

SHOWN AT MID-STROKE

| REVISIONS |        |             |      |         |          |
|-----------|--------|-------------|------|---------|----------|
| ZONE      | LETTER | DESCRIPTION | DATE | CHECKED | APPROVED |
|           |        |             |      |         |          |

D

D

C

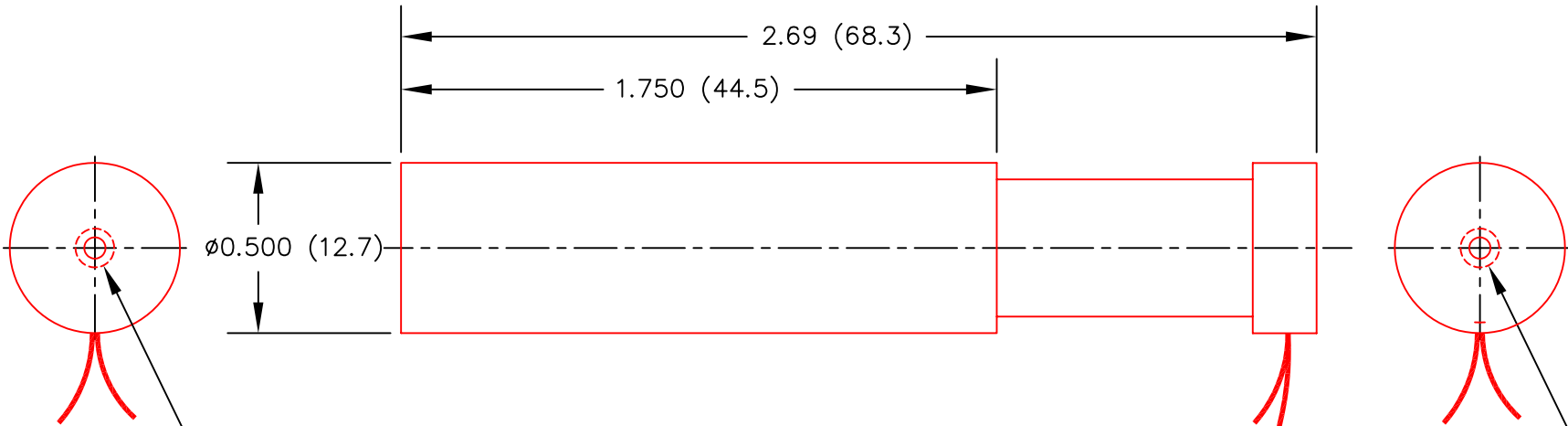
C

B

B

A

A



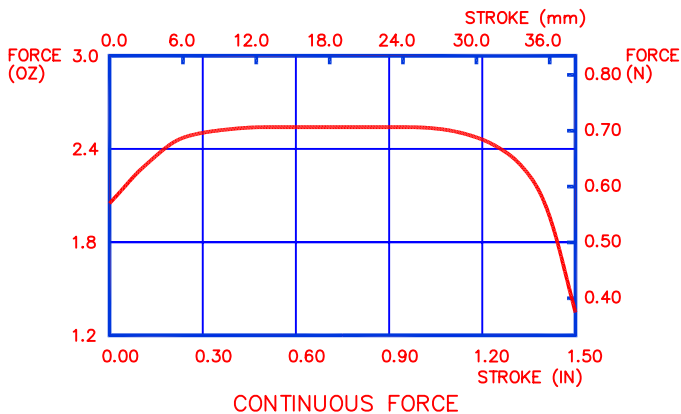
4-40 UNC-2B  
0.12 (3) DP

4-40 UNC-2B  
0.12 (3) DP

|                                    |            |              |
|------------------------------------|------------|--------------|
| INTERMITTENT FORCE @10% DUTY CYCLE | 2.23 N     | 8.0 OZ       |
| CONTINUOUS FORCE                   | 0.71 N     | 2.5 OZ       |
| FORCE CONSTANT                     | 0.84 N/A   | 3.0 OZ/A     |
| BACK EMF CONSTANT                  | 0.84 v/m/s | 0.021 v/IN/s |
| STROKE                             | 38.1 mm    | 1.50 IN      |
| COIL CLEARANCE PER SIDE            | 0.33 mm    | 0.013 IN     |
| COIL ASSY MASS                     | 14.6 GR    | 0.52 OZ      |
| BODY MASS                          | 25.0 GR    | 0.88 OZ      |
| COIL RESISTANCE                    | 8.5 Ohms   |              |
| COIL INDUCTANCE @120 Hz            | 1.4 mH     |              |
| MAX CONTINUOUS POWER               | 6.0 W      |              |

ALL VALUES AT 25°C

NOTES :  
UNLESS OTHERWISE SPECIFIED



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|   |  |               |          |       |  |  |              |
|---|--|---------------|----------|-------|--|--|--------------|
| DIMENSIONS ARE IN INCHES (mm)<br>TOLERANCES ON:<br>DECIMALS FRACTIONS ANGLES<br>.XXX .XX ± 1/125 ± 1/2°<br>± .005 ± .01<br>UNLESS OTHERWISE SPECIFIED |  | MATERIAL      | CONTRACT |       | <b>MOTICONT</b><br><br>LINEAR VOICE COIL MOTOR |  |              |
| USED ON   |  | FINISH<br>TBD | DRN      | CHKD  |  |  |              |
| NEXT ASSY   |  | APPLICATION   | APPVD    | APPVD | DWG. NO.<br>LVCM-013-044-02                    |  | REV.<br>1    |
|   |  |               |          |       | SCALE: 2 / 1                                   |  | SHEET 1 OF 1 |