

4

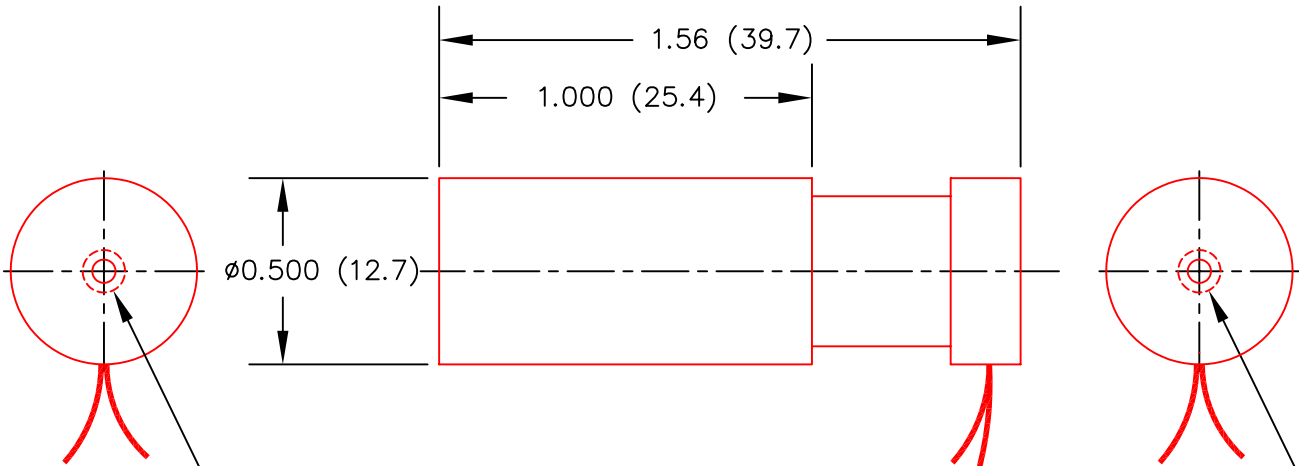
3

2

1

SHOWN AT MID-STROKE

REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED



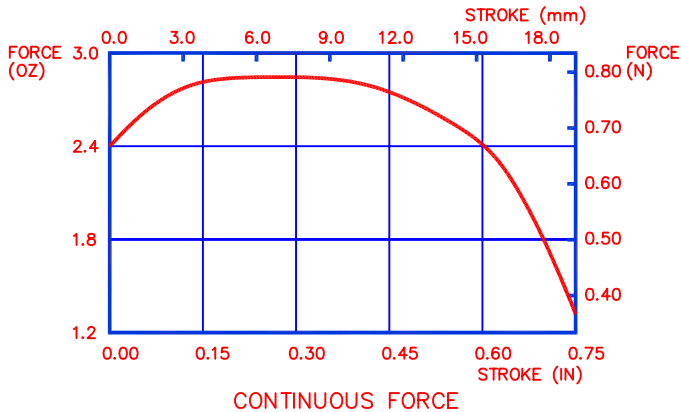
4-40 UNC-2B
0.12 (3) DP

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

INTERMITTENT FORCE @10% DUTY CYCLE	2.51 N	9.0 OZ
CONTINUOUS FORCE	0.79 N	2.9 OZ
FORCE CONSTANT	0.80 N/A	2.9 OZ/A
BACK EMF CONSTANT	0.80 v/m/s	0.020 v/in/s
STROKE	19.1 mm	0.75 IN
COIL CLEARANCE PER SIDE	0.33 mm	0.013 IN
COIL ASSY MASS	9.0 GR	0.32 OZ
BODY MASS	13.8 GR	0.49 OZ
COIL RESISTANCE	4.6 Ohms	
COIL INDUCTANCE @120 Hz	0.7 mH	
MAX CONTINUOUS POWER	4.5 W	

ALL VALUES AT 25°C

NOTES :
UNLESS OTHERWISE SPECIFIED



CONTINUOUS FORCE

THIS DOCUMENT, WHETHER OR NOT MARKED AS PROPRIETARY, IS CONSIDERED CONFIDENTIAL AND SHALL REMAIN THE PROPERTY OF MOTICONT AND SHALL BE RETURNED TO MOTICONT UPON REQUEST WITH ALL COPIES MADE THEREOF. THIS DOCUMENT CANNOT BE UTILIZED IN THE MANUFACTURE OF ARTICLES SOLD OR OFFERED OR DISCLOSED TO ANYONE AND NO USE OF IT CAN BE MADE UNLESS EXPRESSLY AUTHORIZED BY AND UNDER THE DIRECTION OF MOTICONT. POSSESSION OF THIS DOCUMENT IS ACCEPTED SUBJECT TO THE FOREGOING.

DIMENSIONS ARE IN INCHES (mm) TOLERANCES ON: DECIMALS FRACTIONS ANGLES .XXX .XX ± 1/125 ± 1/2° ± .005 ± .01 UNLESS OTHERWISE SPECIFIED	
USED ON	NEXT ASSY
APPLICATION	

MATERIAL	CONTRACT
FINISH TBD	DRN
	CHKD
	APPVD
	APPVD

SIZE	CODE	DWG. NO.	REV.
A		LVCM-013-025-02	2

MOTICONT			
LINEAR VOICE COIL MOTOR			
SCALE: 2 / 1	SHEET 1 OF 1		

4

3

2

1