

4

3

2

1

SHOWN AT MID-STROKE

REVISIONS

ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

D

D

C

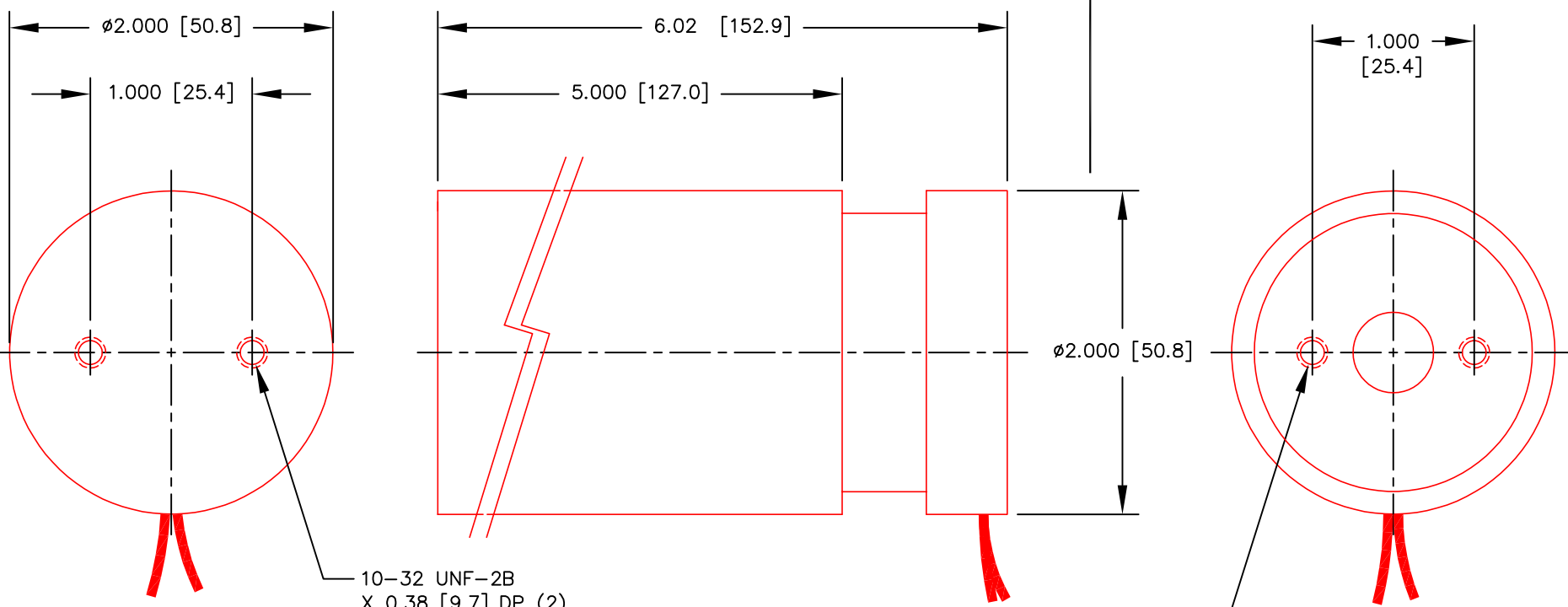
C

B

B

A

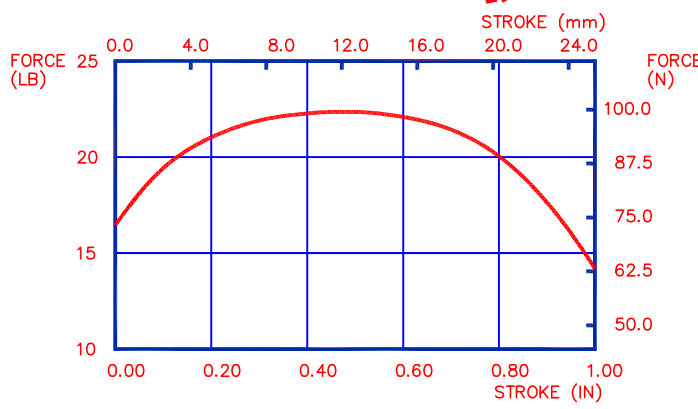
A



INTERMITTENT FORCE @10% DUTY CYCLE	314.5 N	70.7 LB
CONTINUOUS FORCE	99.5 N	22.4 LB
FORCE CONSTANT	44.5 N/A	10.0 LB/A
BACK EMF CONSTANT	44.5 V/M/S	1.13 V/IN/S
STROKE	25.4 mm	1.00 IN
COIL CLEARANCE PER SIDE	0.38 mm	0.015 IN
COIL ASSY MASS	256 GR	9.0 OZ
BODY MASS	1618 GR	57.1 OZ
COIL RESISTANCE	9.0 Ohms	
COIL INDUCTANCE @ 1000 Hz	3.3 mH	
MAX CONTINUOUS POWER	45 W	

ALL VALUES AT 25°C

NOTES :
UNLESS OTHERWISE SPECIFIED



CONTINUOUS FORCE

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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	DRN
	CHKD
	APPVD
	APPVD

SIZE	CODE	DWG. NO.	REV.
A		LVCM-051-127-03	1
SCALE: 1 / 1		SHEET 1 OF 1	

MOTICONT			
LINEAR VOICE COIL MOTOR			
SIZE	CODE	DWG. NO.	REV.
A		LVCM-051-127-03	1
SCALE: 1 / 1		SHEET 1 OF 1	