

4

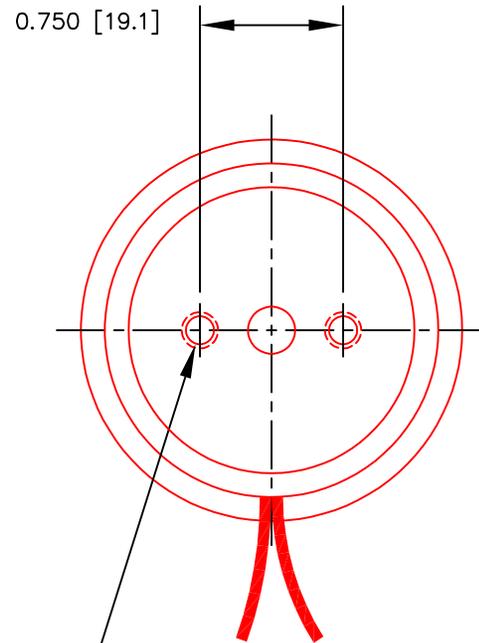
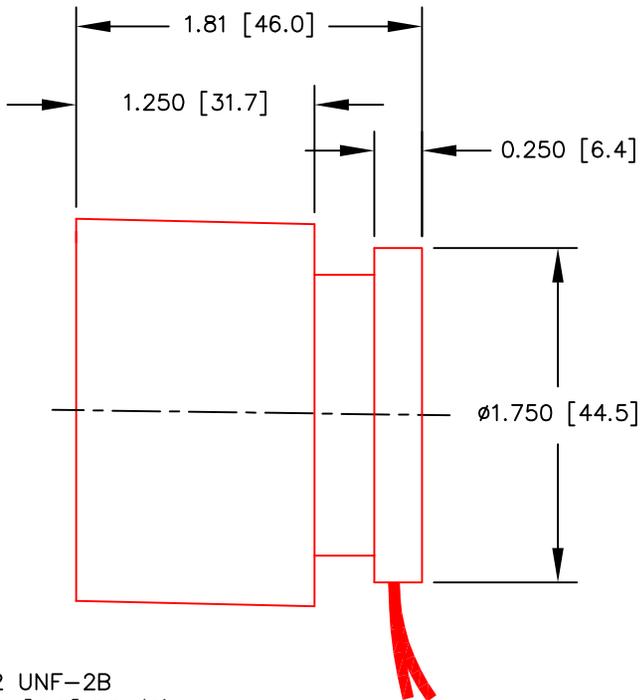
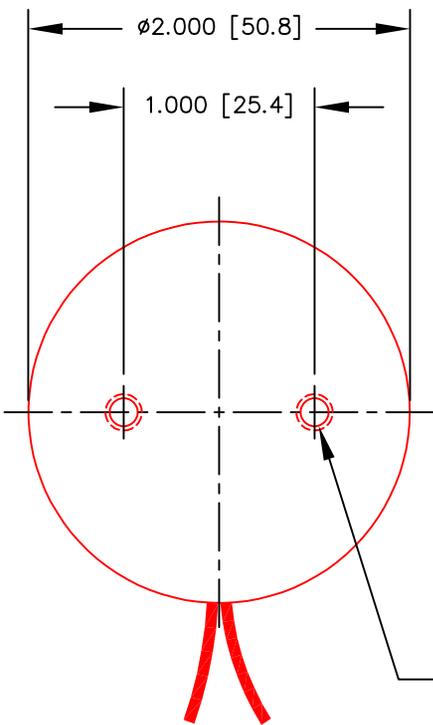
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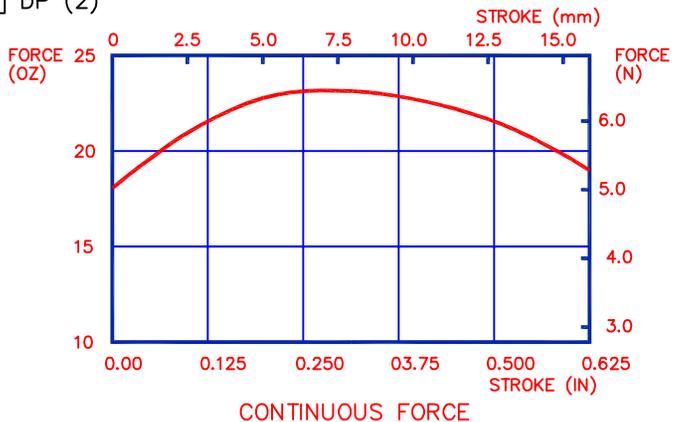
1

SHOWN AT MID-STROKE

REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED



INTERMITTENT FORCE @10% DUTY CYCLE	40.8 N	9.2 LB
CONTINUOUS FORCE	12.9 N	2.9 LB
FORCE CONSTANT	7.5 N/A	1.69 LB/A
BACK EMF CONSTANT	7.5 V/M/S	0.19 V/IN/S
STROKE	15.9 mm	0.625 IN
COIL CLEARANCE PER SIDE	3.56 mm	0.140 IN
COIL ASSY MASS	64 GR	2.26 OZ
BODY MASS	313 GR	11.0 OZ
COIL RESISTANCE	6.8 Ohms	
COIL INDUCTANCE @ 1000 Hz	2.65 mH	
MAX CONTINUOUS POWER	20 W	



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2-FOR PROPER HEAT DISSIPATION, THE MOTOR SHOULD BE MOUNTED ON A METALLIC BODY WITH ADEQUATE SURFACE AREA IN AN UNRESTRICTED FLOW OF AIR.

1-ALL VALUES AT 25°C
 NOTES:
 UNLESS OTHERWISE SPECIFIED

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-051-032-06	1
SCALE: 1 / 1		SHEET 1 OF 1	

MOTICONT			
LINEAR VOICE COIL MOTOR LARGE RADIAL GAP			
SIZE	CODE	DWG. NO.	REV.
A		LVCM-051-032-06	1
SCALE: 1 / 1		SHEET 1 OF 1	

4

3

2

1

D

C

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A

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