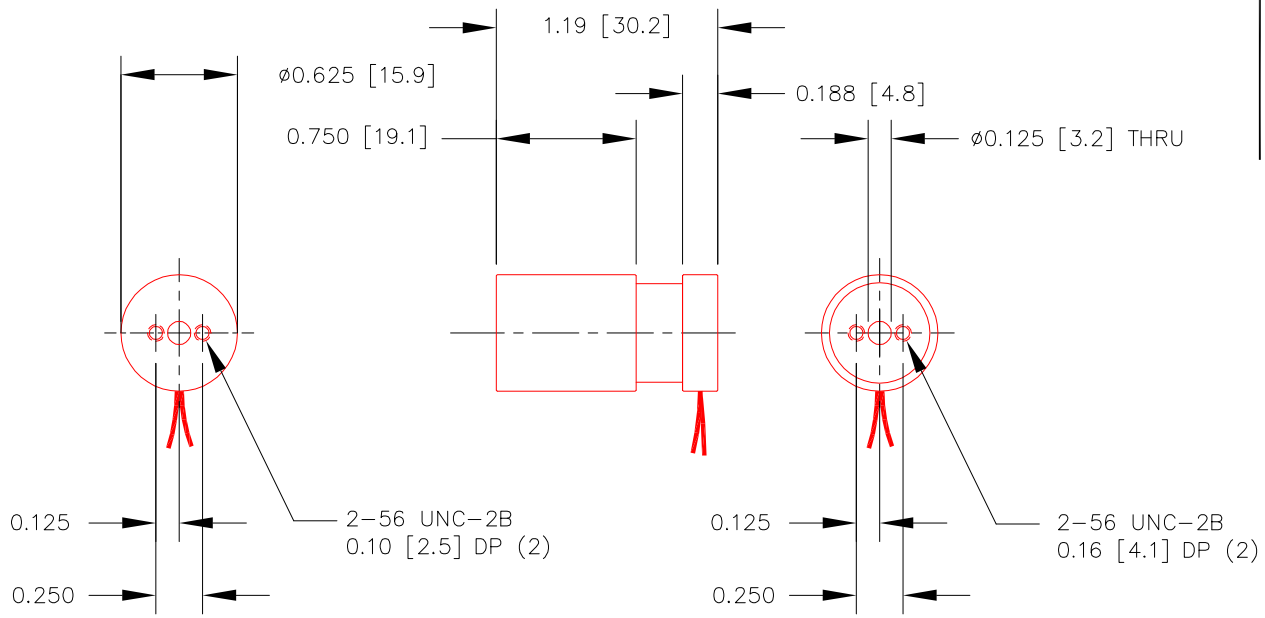
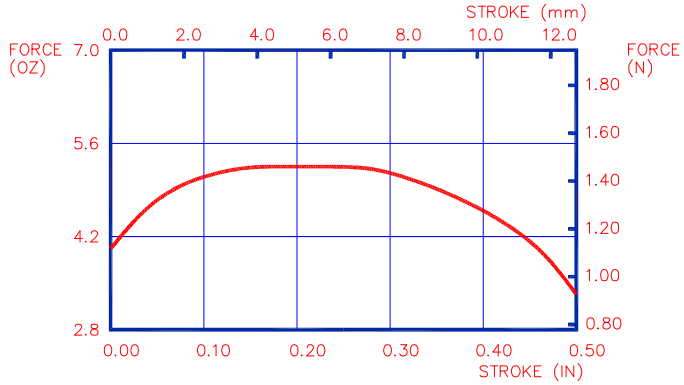
REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

SHOWN AT MID-STROKE



INTERMITTENT FORCE @10% DUTY CYCLE	4.6 N	16.6 OZ
CONTINUOUS FORCE	1.5 N	5.3 OZ
FORCE CONSTANT	1.5 N/A	5.4 OZ/A
BACK EMF CONSTANT	1.5 V/M/S	0.04 V/IN/S
STROKE	12.7 mm	0.50 IN
COIL CLEARANCE PER SIDE	0.32 mm	0.013 IN
COIL ASSY MASS	9 GR	0.32 OZ
BODY MASS	17 GR	0.60 OZ
COIL RESISTANCE	4.6 Ohms	
COIL INDUCTANCE @ 1000 Hz	0.8 mH	
MAX CONTINUOUS POWER	4.4 W	

ALL VALUES AT 25°C



CONTINUOUS FORCE

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NOTES :

UNLESS OTHERWISE SPECIFIED

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

USED ON | NEXT ASSY

APPLICATION

MATERIAL

FINISH

CONTRACT

DRN

CHKD

APPVD

APPVD

MOTICONT

LINEAR VOICE COIL MOTOR

SIZE	CODE	DWG. NO.	REV.
A		HVCM-016-019-003-01	1

SCALE: 1 / 1 SHEET 1 OF 1