

4

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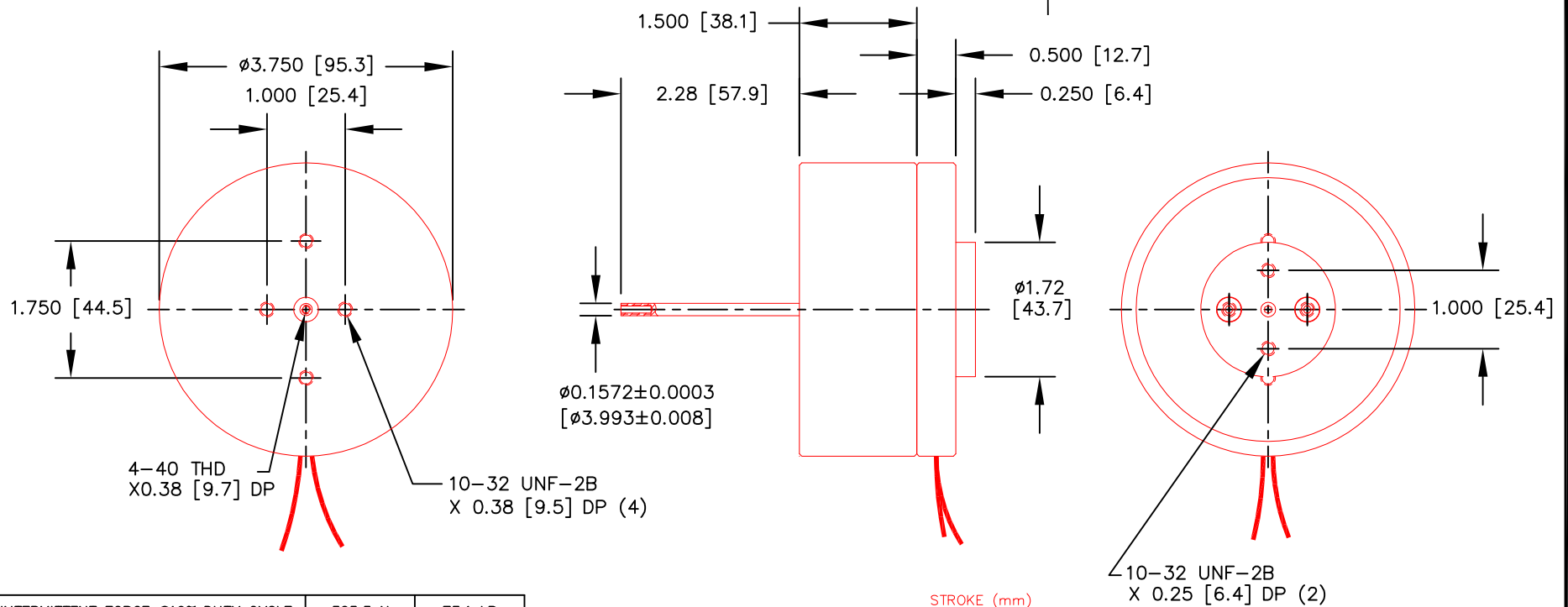
2

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REVISIONS

ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

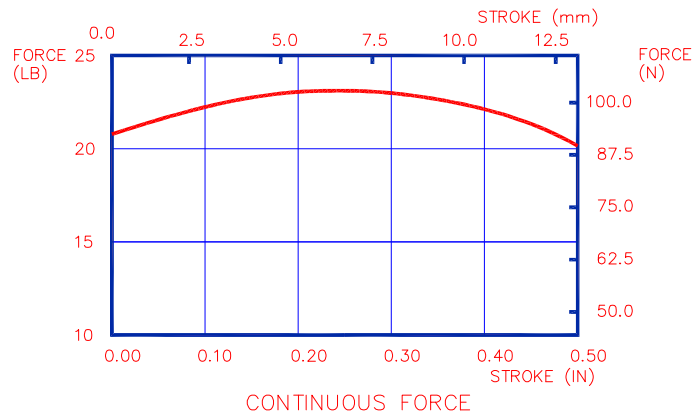
SHOWN IN EXTENDED SHAFT POSITION



INTERMITTENT FORCE @10% DUTY CYCLE	325.3 N	73.1 LB
CONTINUOUS FORCE	102.8 N	23.1 LB
FORCE CONSTANT	38.0 N/A	8.5 LB/A
BACK EMF CONSTANT	38.0 V/M/S	0.96 V/IN/S
STROKE	12.7 mm	0.50 IN
COIL CLEARANCE PER SIDE	0.64 mm	0.025 IN
COIL ASSY MASS	368 GR	0.81 LB
BODY MASS	1.83 KG	4.03 LB
COIL RESISTANCE	6.2 Ohms	
COIL INDUCTANCE @ 1000 Hz	3.5 mH	
MAX CONTINUOUS POWER	45 W	
MAX TOTAL SHAFT SIDE LOAD	22 N	5 LB
LINEAR BEARING TYPE	RECIRCULATING BALL	

ALL VALUES AT 25°C

NOTES:
UNLESS OTHERWISE SPECIFIED



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DIMENSIONS ARE IN INCHES [mm]	
TOLERANCES ON:	
DECIMALS	FRACTIONS ANGLES
.XXX .XX	$\pm 1/125 \pm 1/2'$
$\pm .005 \pm .01$	UNLESS OTHERWISE SPECIFIED
USED ON	NEXT ASSY
APPLICATION	

MATERIAL	CONTRACT	
FINISH	DRN	
	CHKD	
	APPVD	
	APPVD	

motiCont			
LINEAR VOICE COIL MOTOR			
SIZE	CODE	DWG. NO.	REV.
A		GVCM-095-038-01	1
SCALE: 1 / 2		SHEET 1 OF 1	