



REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED

INTERMITTENT FORCE @10% DUTY CYCLE	74.8 N	16.9 LB
CONTINUOUS FORCE	23.7 N	5.3 LB
FORCE CONSTANT	6.9 N/A	1.6 LB/A
BACK EMF CONSTANT	6.9 V/M/S	0.18 V/IN/S
STROKE	12.7 mm	0.50 IN
COIL CLEARANCE PER SIDE	0.38 mm	0.015 IN
COIL ASSY MASS	92 GR	3.2 OZ
BODY MASS	300 GR	10.6 OZ
COIL RESISTANCE	1.7 Ohms	
COIL INDUCTANCE @ 1000 Hz	0.6 mH	
MAX CONTINUOUS POWER	20 W	

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

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.

<b>motiCont</b>			
LINEAR VOICE COIL MOTOR			
SIZE	CODE	DWG. NO.	REV.
A		HVCM-051-025-013-01	1
SCALE: 1 / 1		SHEET 1 OF 1	