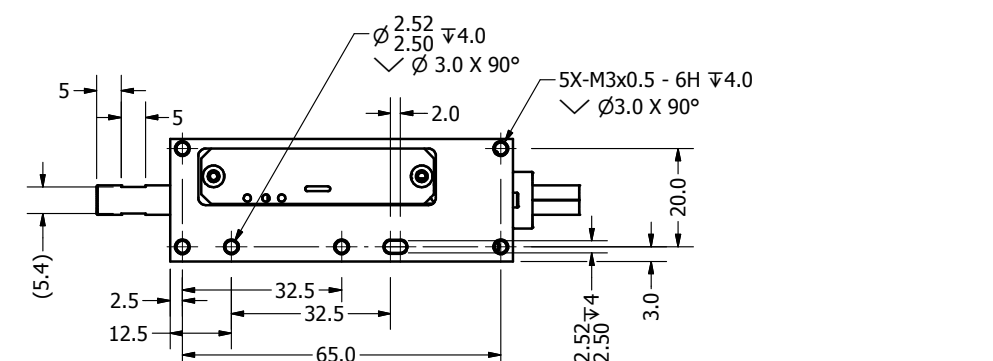
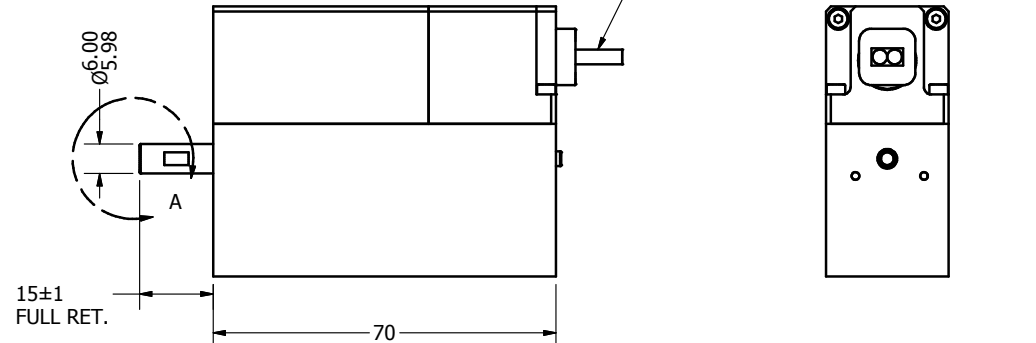
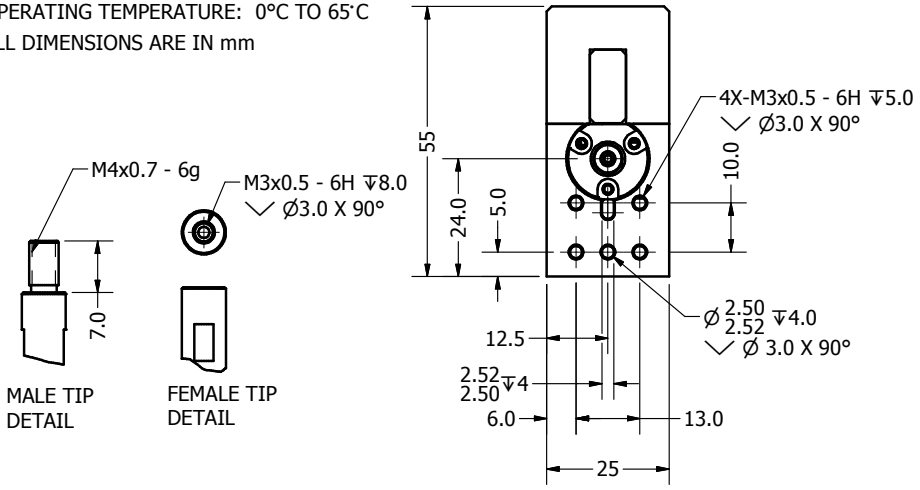


LINEAR SPECIFICATONS:

LINEAR STROKE: 10 +1/-0 mm
 ENCODER RESOLUTION: 5,1,0.1 μm
 ENCODER REPEATIBILITY: ± 4 ENC. COUNTS
 MOVING MASS: 0.04 kg
 TOTAL MASS: 0.270 kg
 OPERATING TEMPERATURE: 0°C TO 65°C
 ALL DIMENSIONS ARE IN mm

REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
A9	05/04/2010		PRELIMINARY	TMV
C	2/3/2016		NEW NOSE BUSHING	KGS



LCA25-010-XX-1				
No	DETAILS	UNIT	LCA25-010-5X-1	LCA25-010-7X-1
1	VOLTAGE	V	24	48
2	PEAK FORCE	N	8@1.5A	12@1.5A
3	FORCE CONSTANT	N/A	6	8
4	MAXIMUM CURRENT	A	1.5	1.5
5	COIL RESISTANCE	OHM	15.4	33.5

DB 26P PINOUT

1	(AXIS 1) PH. A+
2	(AXIS 1) PH. B+
3	(AXIS 1) PH. Z+
4	NC
5	NC
6	I/O RTN
7	NC
8	NC
9	NC
10	(AXIS 1) PH. A-
11	(AXIS 1) PH. B-
12	(AXIS 1) PH. Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5VDC
20	5V RTN
21	(AXIS 1) COIL +
22	(AXIS 1) COIL -
23	(AXIS 1) COIL -
24	(AXIS 1) COIL -
25	NC
26	NC

DB-15P

Table	
PIN	FUNCTION
1	PH. A+
2	PH. Z+
3	PH. B+
4	+5V
5	NC
6	NC
7	NC
8	NC
9	PH. A-
10	PH. Z-
11	PH. B-
12	5V RTN
13	5V RTN
14	NC
15	NC

POWER

Table	
No	DETAIL
1	V RTN
2	+ V
3	COIL +
4	COIL -

TOLERANCES ARE: X. ± 0.50 X.X ± 0.1 X.XX ± 0.05 X.XXX ± ANGULARITY ± 0.1° CONCENTRICITY ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX		MATERIAL: NONE		REF. NUMBER LCA25-010	
HEAT TREATMENT: NONE		DESIGNED BY: toanvu	DATE: 2/12/2010	CHECKED BY:	DATE:
MACHINE FINISH: 3.2/		DRAWN BY: toanvu/kgs	DATE: 2/3/2016	APPROVED BY:	DATE:
EXCEPT NOTED PROTECTIVE FINISH:		PART NAME: LCA25-010-XX-1			SHEET NUMBER: 1 OF 1
FILE NAME: LCA25-010_A9.idw		SCALE: NONE	DWG SIZE: B	PART NUMBER: LCA25-010-XX-1	
SPEC. NUMBER: NONE		DO NOT SCALE DWG		REVISION: C	