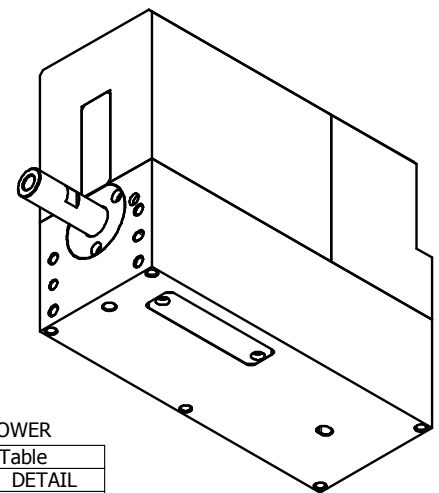
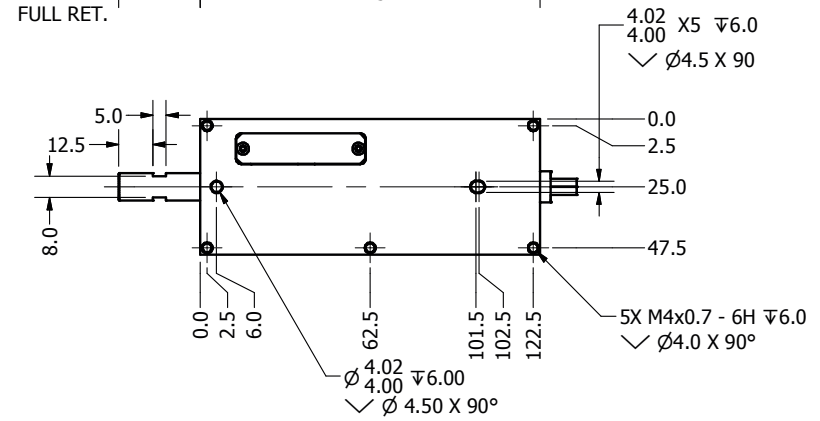
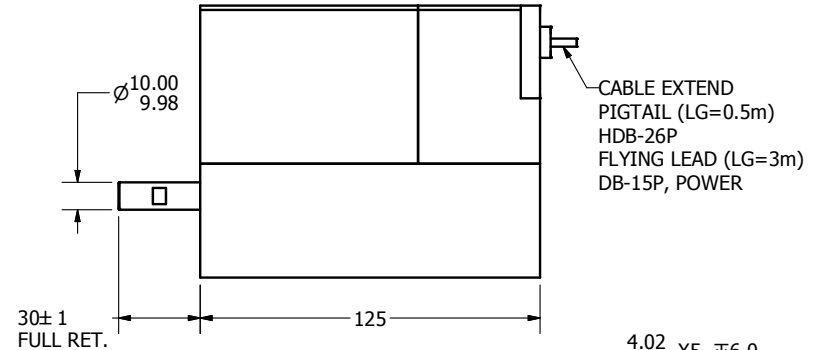
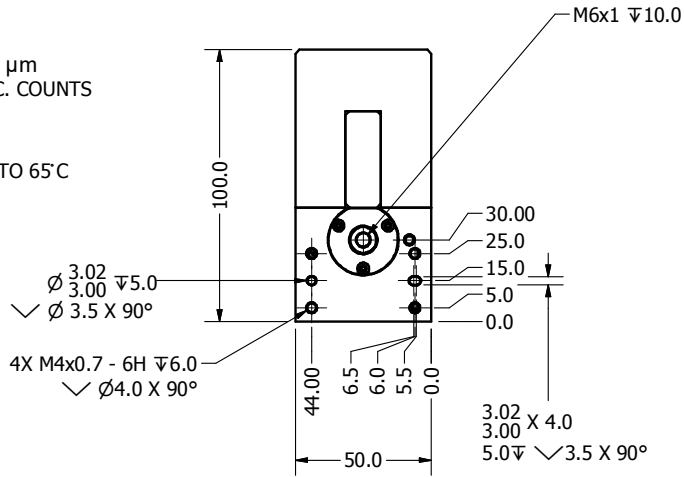


REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
A1	5/14/2010	4640	NEW RELEASE	MAC
C	10/6/11		M4 THD HOLES	MAC
c	10/10/14	5491	NEW PART #	

**LINEAR SPECIFICATONS:**

LINEAR STROKE: 25 +1/-0 mm  
 PEAK FORCE: 50 N (48V@1.5A)  
 FORCE CONSTANT: 40 N/A@48V  
 COIL RESISTANCE: 32.8  
 INDUCTANCE: 81.7 mH  
 ENCODER RESOLUTION: 5,1,0.1 μm  
 ENCODER REPEATILITY: ± 4 ENC. COUNTS  
 MOVING MASS: 0.335 kg  
 TOTAL MASS: 2.157 kg  
 OPERATING TEMPERATURE: 0°C TO 65°C  
 ALL DIMENSIONS ARE IN mm



**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**

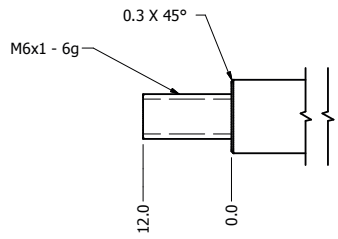
PIN	FUNCTION
1	PH. A+
2	PH. Z+
3	PH. B+
4	+5V
5	NC
6	NC
7	NC
8	NC
9	PH. A-
10	PH. Z-
11	PH. B-
12	5V RTN
13	5V RTN
14	NC
15	NC

**POWER**

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° CONCENTRIC ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX	MATERIAL: HEAT TREATMENT: NONE MACHINE FINISH: 3.2/ EXCEPT NOTED PROTECTIVE FINISH: FILE NAME: LCA50-025-75-1.idw	<div style="text-align: center; font-size: 24pt; font-weight: bold;">SMAC</div> DESIGNED BY: MARK C DRAWN BY: JOAN VU DATE: 4/5/2010 DATE: 10/10/2014 CHECKED BY: APPROVED BY: PART NAME: <b>LCA 50-025-75-1</b> SCALE: <b>NONE</b> DO NOT SCALE DWG	REF. NUMBER: <b>LCA 50</b> CONTRACT: <b>LCA 50</b> SHEET NUMBER: <b>1 OF 1</b> REVISION: <b>C</b>
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REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
A	2/9/2015		RELEASE	MAC



<b>TOLERANCES ARE:</b> X ± 0.50 XX ± 0.1 XXX ± 0.05 XXXX ± ANGULARITY ± 0.1° CONCENTRIC ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX	<b>MATERIAL:</b> Stainless Steel	<b>SMAC</b>		<b>REF. NUMBER</b>
	<b>HEAT TREATMENT:</b>	<b>DESIGNED BY:</b> MARK C	<b>DATE:</b> 4/23/2010	<b>CHECKED BY:</b> DATE:
	<b>MACHINE FINISH:</b> EXCEPT NOTED PROTECTIVE FINISH	<b>DRAWN BY:</b> FRBK	<b>DATE:</b> 2/9/2015	<b>APPROVED BY:</b> DATE:
	<b>FILE NAME:</b> MALE SHAFT ALL LCA 50.idw	<b>PART NAME:</b> <b>MALE SHAFT ALL LCA 50</b>	<b>SCALE:</b> DO NOT SCALE DWG	<b>DWG SIZE:</b> C
<b>CHAMFER</b> 0.03 MAX	<b>SPEC. NUMBER:</b>	<b>PART NUMBER:</b>	<b>REVISION:</b> A	