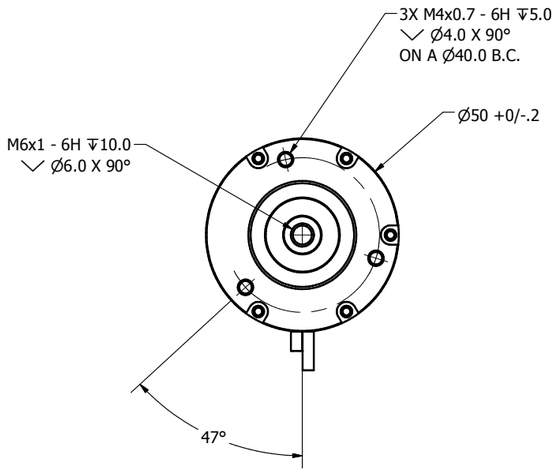
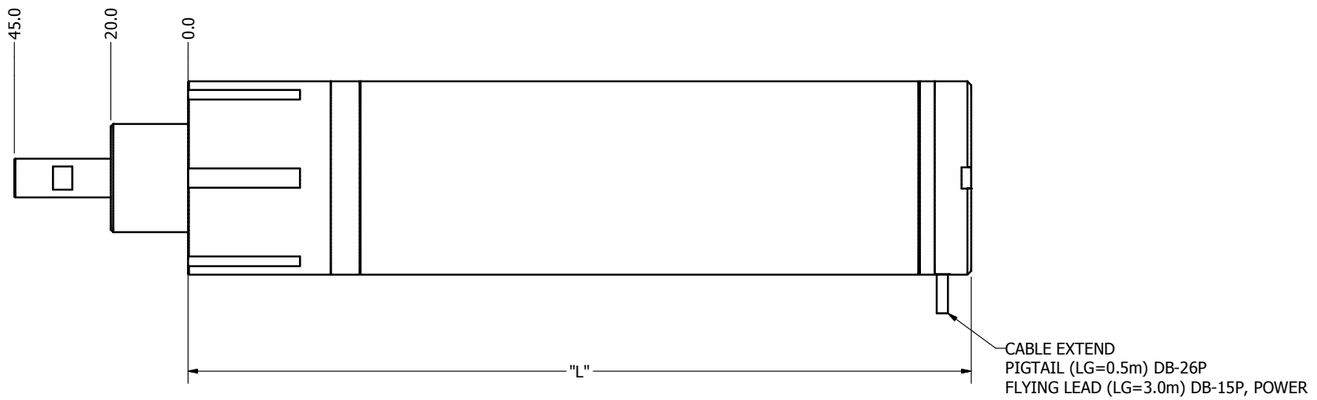
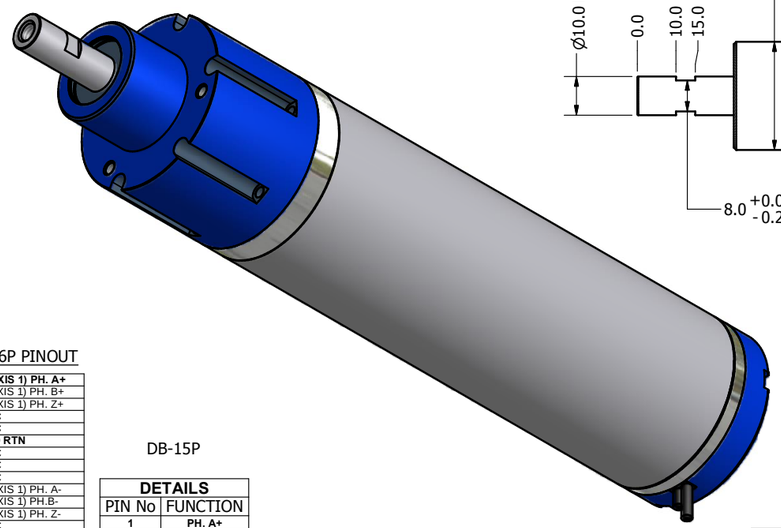
REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
A	2/24/2014		RELEASE	MAC

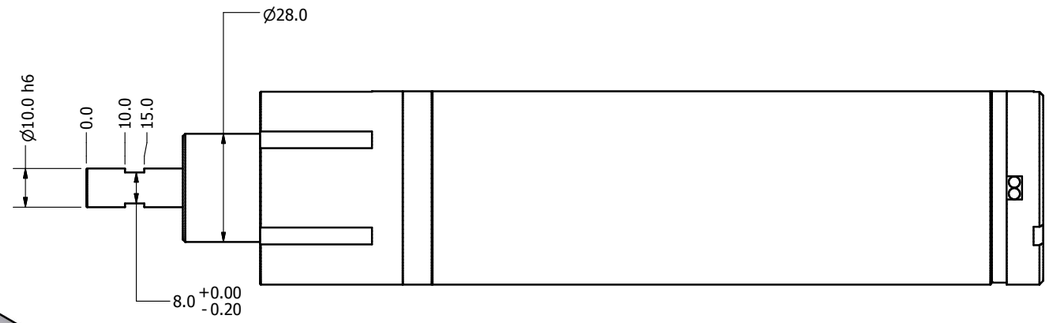
LINEAR SPECIFICATONS:

ENCODER RESOLUTION: 5, 1 µm
ENCODER REPEATBILITY: ±4 encoder count
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

DETAILS	
PIN No	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

POWER

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

CBL50-0XX-YY				
No	Details	UNIT	CBL50-010-8	CBL50-025-6
1	LINEAR STROKE	mm	10	25
2	PEAK FORCE	N	50	28
3	FORCE CONSTANT		18	13
4	MAXIMUM CURRENT	A	2	1.5
5	COIL RESISTANCE	Ohm	24	15.8
6	MOVING MASS	kg	.160	.200
7	TOTAL MASS	kg	1.3	2.0
8	DIMENSION (L)	mm	165	205
9				

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

FILE NAME: CBL50-0XX-YY_A.idw

MATERIAL:
HEAT TREATMENT:
MACHINE FINISH: 3.2 EXCEPT NOTED
PROTECTIVE FINISH: ELECTROLESS NIKCEL SEE NOTE
SPEC. NUMBER: NONE

SMAC

REF. NUMBER: CBL50

DESIGNED BY:	DATE:	CHECKED BY:	DATE:	CONTRACT:
mark	4/14/2014			CBL50
DRAWN BY:	DATE:	APPROVED BY:	DATE:	
toanvu	11/27/2013			

PART NAME: CBL50-0XX-YY
SHEET NUMBER: 1 OF 1
SCALE: NONE (DO NOT SCALE DWG)
DWG SIZE: C
PART NUMBER:
REVISION: A