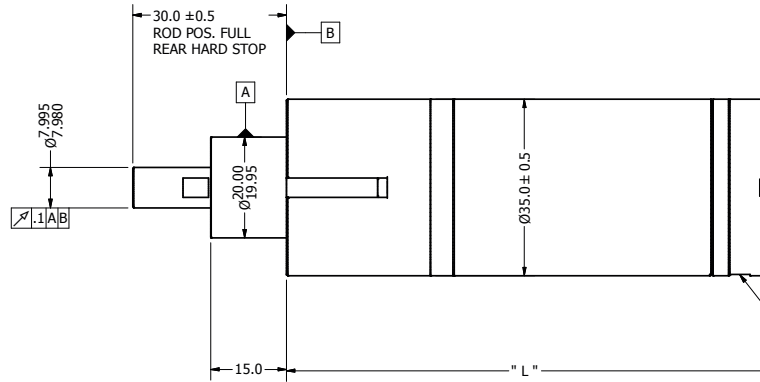
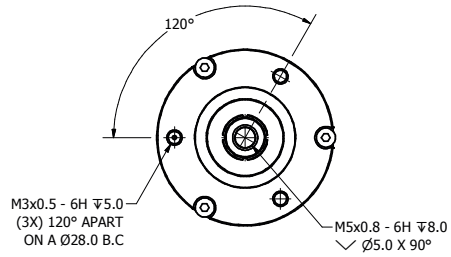


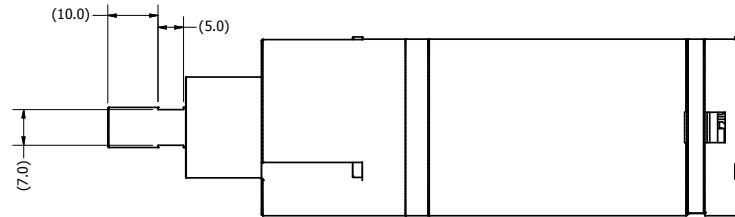
LINEAR SPECIFICATIONS:

ENCODER RESOLUTION: 5, 1 μm (X)
 ENCODER REPEATABILITY: ±4 encoder count
 OPERATING TEMPERATURE: 0°C TO 65°C
 ALL DIMENSIONS ARE IN mm

REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
D	06/27/2014		RELEASE	TOAN VU
E	8/21/2014	5456	SEE ECN	RH
F	7/30/2015		ADD CBL35-015-7X-1	MAC



CABLE EXTEND
 PIGTAIL (LG=0.5m) DB-26P
 FLYING LEAD (LG=3.0m) DB-15P,POWER



DB 26P PINOUT

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

POWER

No	DETAILS
1	VRTN
2	+V
3	COIL +
4	COIL -

DB-15P

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

DETAILS

No	DETAILS
1	LINEAR STROKE
2	PEAK FORCE
3	FORCE CONSTANT
4	MAXIMUM CURRENT
5	COIL RESISTANCE
6	MOVING MASS
7	TOTAL MASS
8	DIMENSION (L)

No	Details	UNIT	CBL35-0XX-YY-Z							
			CBL35-010-5X-1	CBL35-010-5X-3	CBL35-010-7X-1	CBL35-010-7X-3	CBL35-015-5X-1	CBL35-015-7X-1	CBL35-025-5X-1	CBL35-025-7X-1
1	LINEAR STROKE	mm	10	10	10	10	15	15	25	25
2	PEAK FORCE	N	15	31	22	61	10	14	8.5	14
3	FORCE CONSTANT	N/A	9.0	14.8	13.4	15.0	7.0	8.8	5.8	8.8
4	MAXIMUM CURRENT	A	1.5	2.2	1.6	4.3	1.5	1.6	1.5	1.6
5	COIL RESISTANCE	Ohm	16	11	29	11	16	29	16	29
6	MOVING MASS	kg	0.04	0.1	0.4	0.1	0.06	0.06	0.06	0.06
7	TOTAL MASS	kg	0.45	0.95	0.45	0.95	0.5	0.5	0.5	0.5
8	DIMENSION (L)	mm	96	178	96	178	101	101	111	111

TOLERANCES ARE: X. ± 0.50 XX ± 0.1 XXX ± 0.05 XXXX ± 0.01 ANGULARITY ± 0.1° CONCENTRICITY ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX	MATERIAL: 3.2/ ELECTROLESS NICKEL SEE NOTE BPEC NUMBER: NONE	<h1>SMAC</h1>		REF. NUMBER CBL35
DESIGNED BY: ToanVU DRAWN BY: ToanVU FILE NAME: CBL35-0XX-YY_E NEW.idw	DATE: 8/27/2014 DATE: 8/27/2014	CHECKED BY: APPROVED BY:	DATE: DATE:	CONTRACT: CBL35 SHEET NUMBER: 1 OF 1 REVISION: F
PART NAME: CBL35-0XX-YY-Z		SCALE: NONE	DWG SIZE: C	PART NUMBER: CBL35-0XX-YY-Z