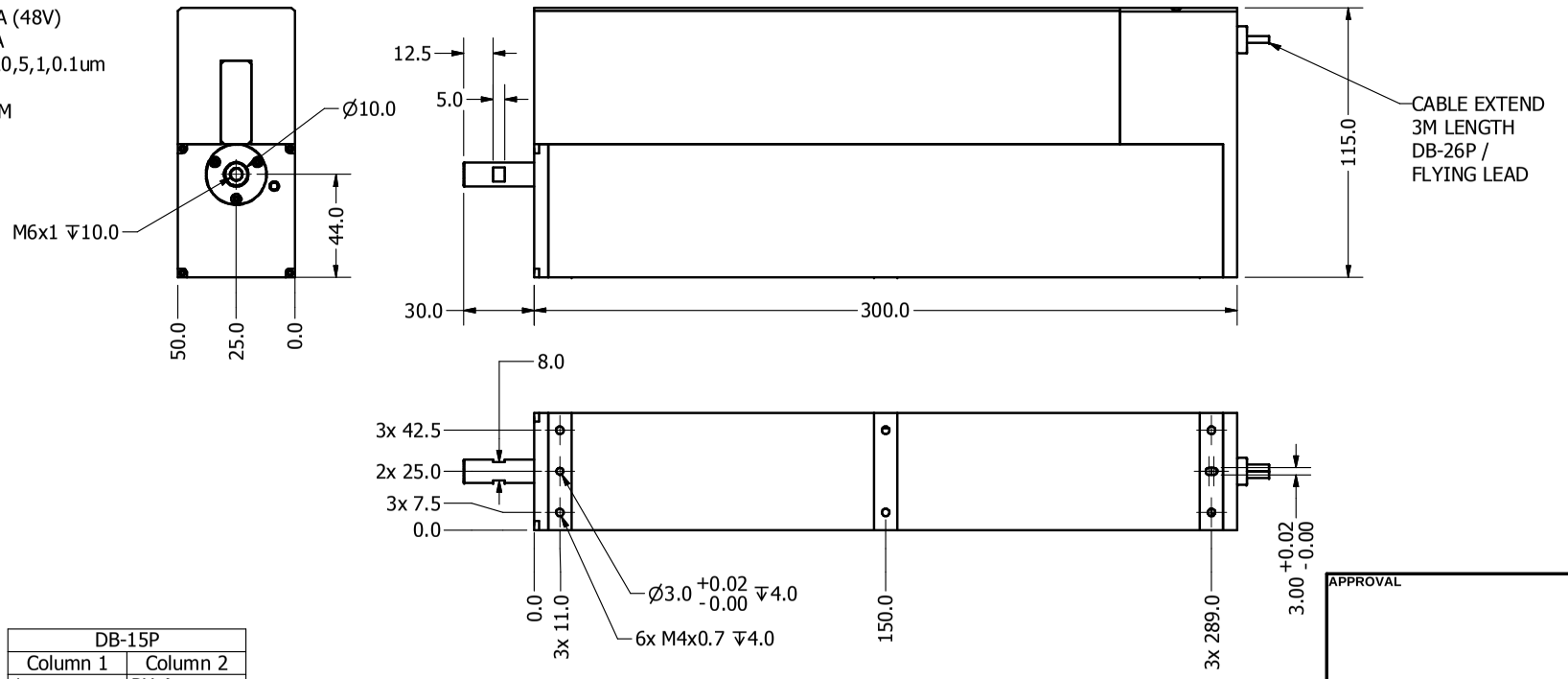
NOTES (UNLESS OTHERWISE SPECIFIED)
1. ALL DIMENSIONS APPLY AFTER PLATING.
2. BREAK ALL SHARP EDGES AND REMOVE BURRS.
3 ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
4. STROKE: 100mm
5. PEAK FORCE: 110 N @1.7A (48V)
6. FORCE CONSTANT: 68 N/A
7. ENCODER RESOLUTION: 20,5,1,0.1um
8. MAX CURRENT: 1.7A
9. COIL RESISTANCE: 28 OHM
10. MOVING MASS: 0.66KG
11. MASS 5.7KG

REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
A	10/28/2010		NEW RELEASE	ORAMAS
B	10/28/2010		M. MASS CHG	ORAMAS



DB-26P	
Column 1	Column 2
1	PH. A+
2	PH. B+
3	PH. Z+
4	NC
5	NC
6	I/O 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	+5VDC
20	5V RTN
21	NC
22	COIL U
23	COIL V
24	COIL W
25	NC
26	NC

DB-15P	
Column 1	Column 2
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	NC
14	NC
15	NC

POWER	
Column 1	Column 2
1	GND
2	+V
3	U
4	V
5	W
6	NC

APPROVAL

SIGNATURE NEEDED FOR ORDER APPROVAL
SIGN:_____ DATE:_____
APPROVAL NOT RECEIVED WITHIN 48 HOURS MAY AFFECT DELIVERY

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: LCA 50-100-35F.idw

MATERIAL:

HEAT TREATMENT:

MACHINE FINISH: 3.2 EXCEPT NOTED

PROTECTIVE FINISH:

SPEC. NUMBER:

SMAC

REF. NUMBER

DESIGNED BY: MARK C DATE: 10/12/2010
CHECKED BY: DATE: CONTRACT:
DRAWN BY: MARK C DATE: 10/28/2010
APPROVED BY: DATE:

PART NAME: LCA 50-100

SHEET NUMBER: 1 OF 1

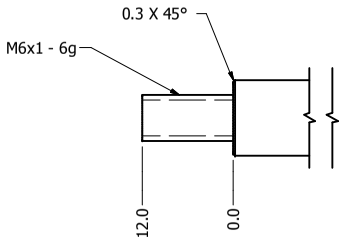
SCALE: DO NOT SCALE DWG

DWG SIZE: B

PART NUMBER: LCA50-100-35-F

REVISION: B

REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
A	2/9/2015		RELEASE	MAC



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: Stainless Steel	SMAC			REF. NUMBER	
	HEAT TREATMENT:	DESIGNED BY: MARK C	DATE: 4/23/2010	CHECKED BY:	DATE:	CONTRACT:
		DRAWN BY: mark	DATE: 2/9/2015	APPROVED BY:	DATE:	
	MACHINE FINISH: 3.2 EXCEPT NOTED	PART NAME: MALE SHAFT ALL LCA 50				SHEET NUMBER: 1 OF 1
FILE NAME: MALE SHAFT ALL LCA 50.idw	PROTECTIVE FINISH:	SCALE: DO NOT SCALE DWG	DWG SIZE: C	PART NUMBER:		REVISION: A
	SPEC. NUMBER:					

D:\SMAC-CAD\LCA\LCA 50\MALE SHAFT ALL LCA 50.idw