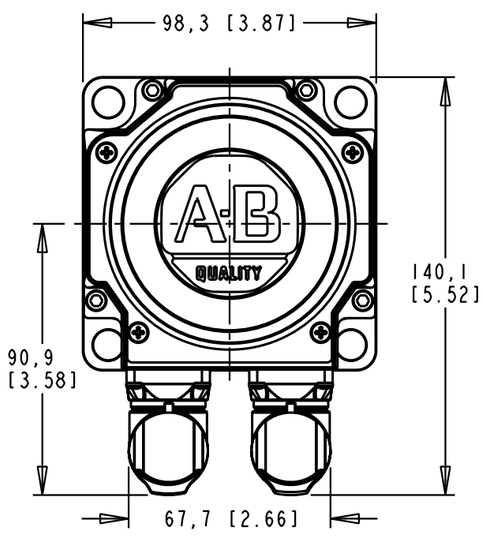
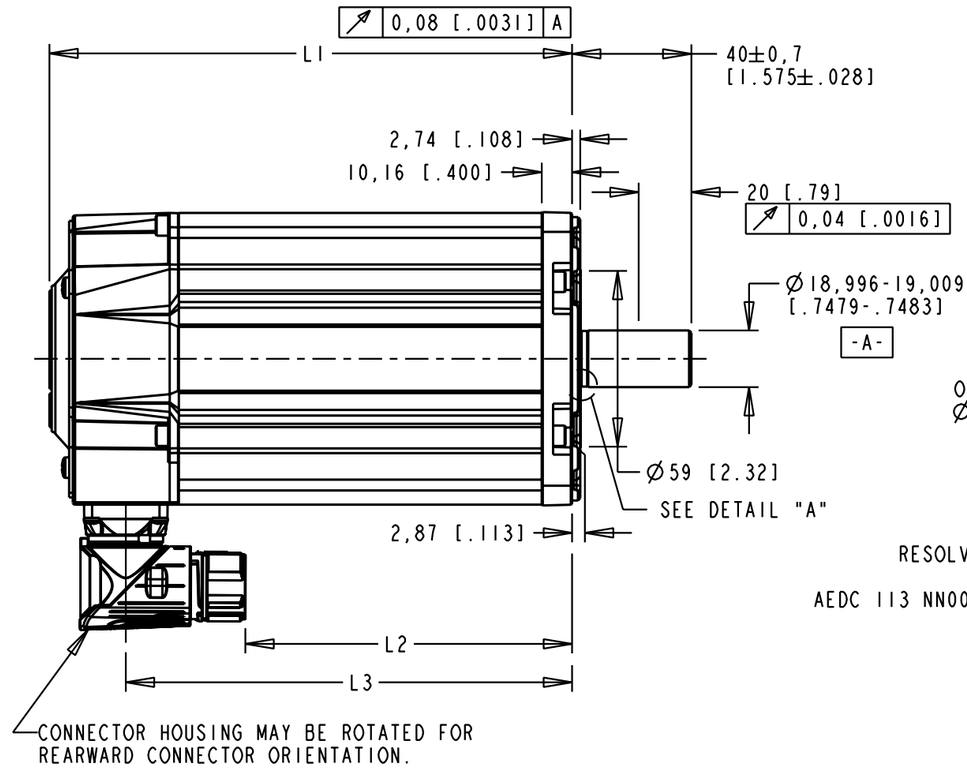
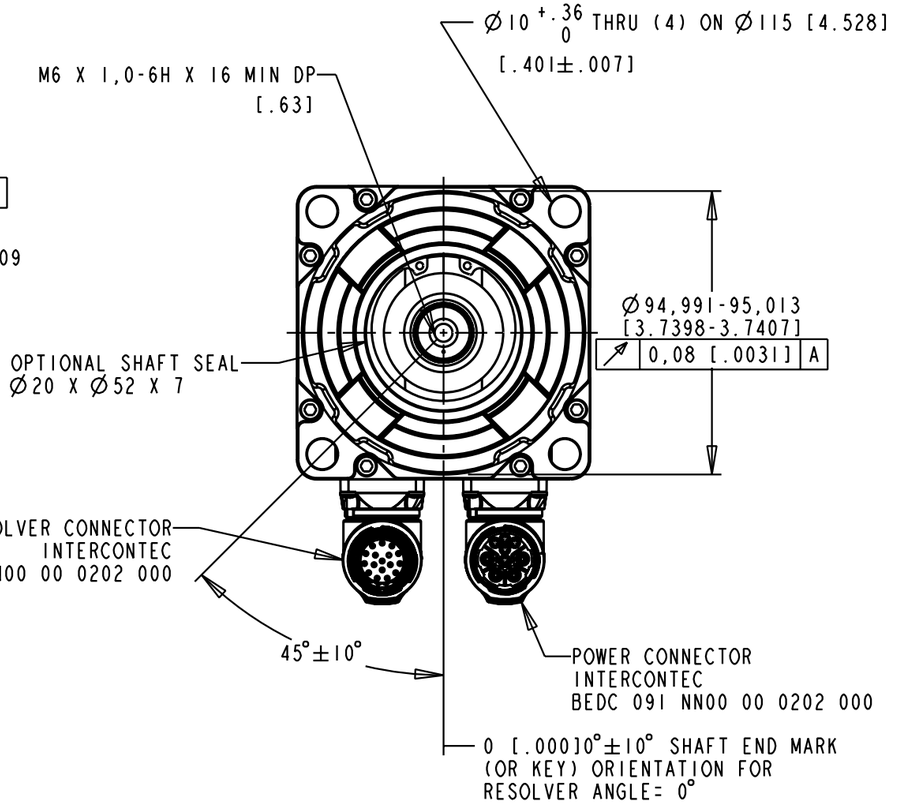




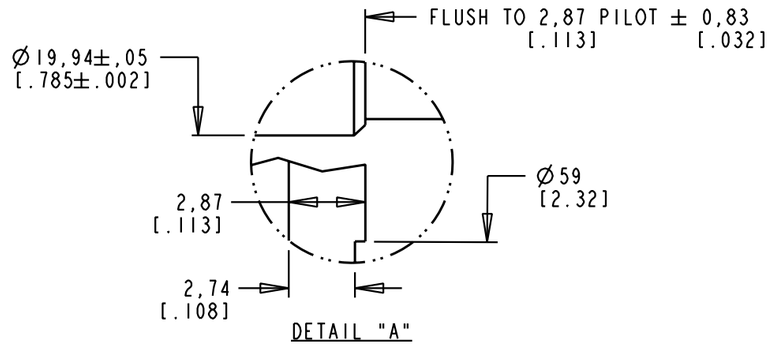


MODEL	L1	L2	L3
420	150 [5.90]	84 [3.31]	124 [4.89]
430	175 [6.90]	110 [4.31]	149 [5.89]

1

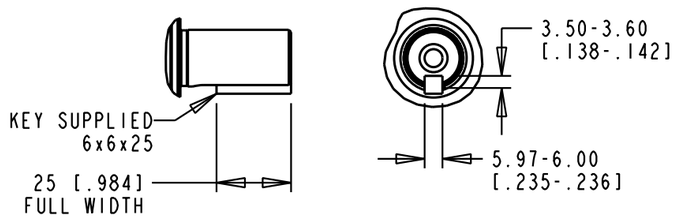
PIN-OUT	
POWER CONNECTOR	
PIN	FUNCTION
A	U
B	V
C	W
D	GND
E-H	-
L	-

PIN-OUT	
RESOLVER CONNECTOR	
PIN	FUNCTION
1	S2
2	S4
3	S1
4	S3
5	-
6	-
7	R1
8	R2
9	-
10-12	-
13	TS +
14	TS -
15-17	-



DETAIL "A"

OPTIONAL SHAFT KEY



NOTE:

1. DXF OF THIS DRAWING MUST BE SCALED TO LENGTH ON CHART (420). MODEL SHOWN IS MPL-x430x-Rx72AA.

2. 3D STEP (.stp) FILES AVAILABLE AT ALL LENGTHS.

REFERENCES			DESCRIPTION	CAD DOCUMENT
VERSION/ CHANGE NUMBER		DIMENSIONS APPLY BEFORE SURFACE TREATMENT DIMENSIONS IN INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED	MPL-x4xxx-Rx72AA, ESM	CONFIDENTIAL AND PROPRIETARY INFORMATION THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF ROCKWELL AUTOMATION, INC. AND MAY NOT BE USED, COPIED OR DISCLOSED TO OTHERS, EXCEPT WITH THE AUTHORIZED WRITTEN PERMISSION OF ROCKWELL AUTOMATION, INC.
		.XX:± .01	Rockwell Automation	PARTS MUST CONFORM TO APPLICABLE ROCKWELL AUTOMATION MANUFACTURING STANDARDS
		.XXX:± .005	DR. WKG	DATE 14 FEB 08
		ANGLES:± 1°		SHEET 1 OF 1
00	10003357	FRACTIONS:± 1/64"	MATERIAL MASTER:	DWG. SIZE B / DOCUMENT NUMBER 10000014301