REV	DESCRIPTION	DATE	APPROVED
B	CN600802	2020-06-25	SRC

NOTES: UNLESS OTHERWISE SPECIFIED

1. LINKALIGN-360POL-10 CONFIGURABLE OPTIONS PER TABLE I. PART NUMBER LA-360POL-10-2 SHOWN THROUGHOUT THIS DRAWING. POWER/CONTROL CABLE NOT SHOWN
2. USE INTERFACE CONTROL DRAWING IN CONJUNCTION WITH DATASHEET N500117
3. 12VDC POWER SUPPLIED BY COUPLED LINKALIGN POSITIONER
4. HARD COAT ANODIZE ALUMINUM CONSTRUCTION WITH STAINLESS STEEL HARDWARE
5. 400° (+/-200°) POLARIZATION TRAVEL WITH 4.5°/SEC DRIVE RATE (NO LOAD)
6. -22° TO 140°F (-30° TO 60°C) OPERATIONAL TEMPERATURE RANGE. -40 TO 158°F (-40 TO 70°C) NON-OPERATIONAL TEMPERATURE RANGE
7. BACKLASH LESS THAN .25°
8. 6.88" (17.5 cm) HIGH X 9.10" (23.1 cm) WIDE X 4.65" (11.8 cm) DEEP
9. WEIGHT APPROXIMATELY 7.7 LBS (3.5 kg) NOT INCLUDING POWER/CONTROL CABLE
10. CENTER OF GRAVITY 0.8" (2 cm) IN THE X-DIRECTION, .8" (2 cm) IN THE Y-DIRECTION AND 1.6" 0(4.1 cm) IN THE Z-DIRECTION. X & Z MEASURED FROM THE A AND B DATUMS
11. PAYLOAD SHALL NOT EXCEED 80 LBS OR 20 FT-LBS OF TORQUE ABOUT THE POLARIZATION AXIS. TO CALCULATE TORQUE, TAKE THE DISTANCE FROM THE PAYLOAD CENTER OF GRAVITY TO DATUM -B- IN FEET AND MULTIPLY BY THE PAYLOAD WEIGHT. NOTE THAT THE 80 LB MAX PAYLOAD WEIGHT MAY EXCEED THE LINKALIGN POSITIONER IT IS COUPLED WITH. SEVERAL ANTENNA BRACKET OPTIONS AVAILABLE THAT INTERFACE DIRECTLY WITH FEATURES SHOWN. GO TO www.nextmovetech.com TO LEARN MORE

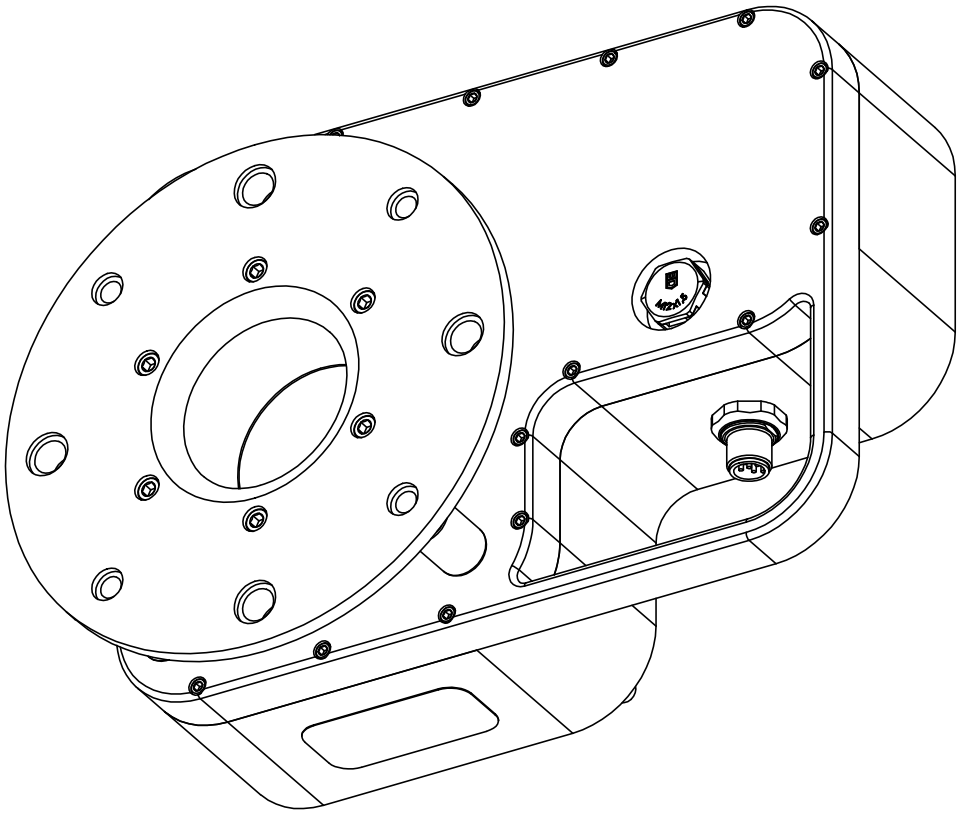

TABLE I

BUILDING A PART NUMBER ***STANDARD OPTIONS***

LA-360POL - 10 - ___ - 2 <<EXAMPLE

POWER/CONTROL CABLE STANDARD LENGTHS
2 = 2 ft
X = Custom length in feet

CUSTOM CONFIGURATION
= Standard options - leave blank

MOTOR DRIVES AND PAYLOAD
10 = Az 20 ft-lbs @ 4.5°/s, 80 lb payload (not to exceed parent model limit coupled with). Typically paired with 1-3 ft antenna

MODEL
LA-360POL = LinkAlign-360POL (+/- 200° polarization)

SYMBOL KEY
NOTE PL ITEMS

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGLE ± .5 DEGREES
TWO PLACE DECIMAL ±.030
THREE PLACE DECIMAL ±.010
INTERPRET DIM AND TOL PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

DRAWN	S. CHEYNE	2016-07-13
CHECKED	C. CHEYNE	2018-08-06
ME APPR.	S. CHEYNE	2016-07-13
EE APPR.		

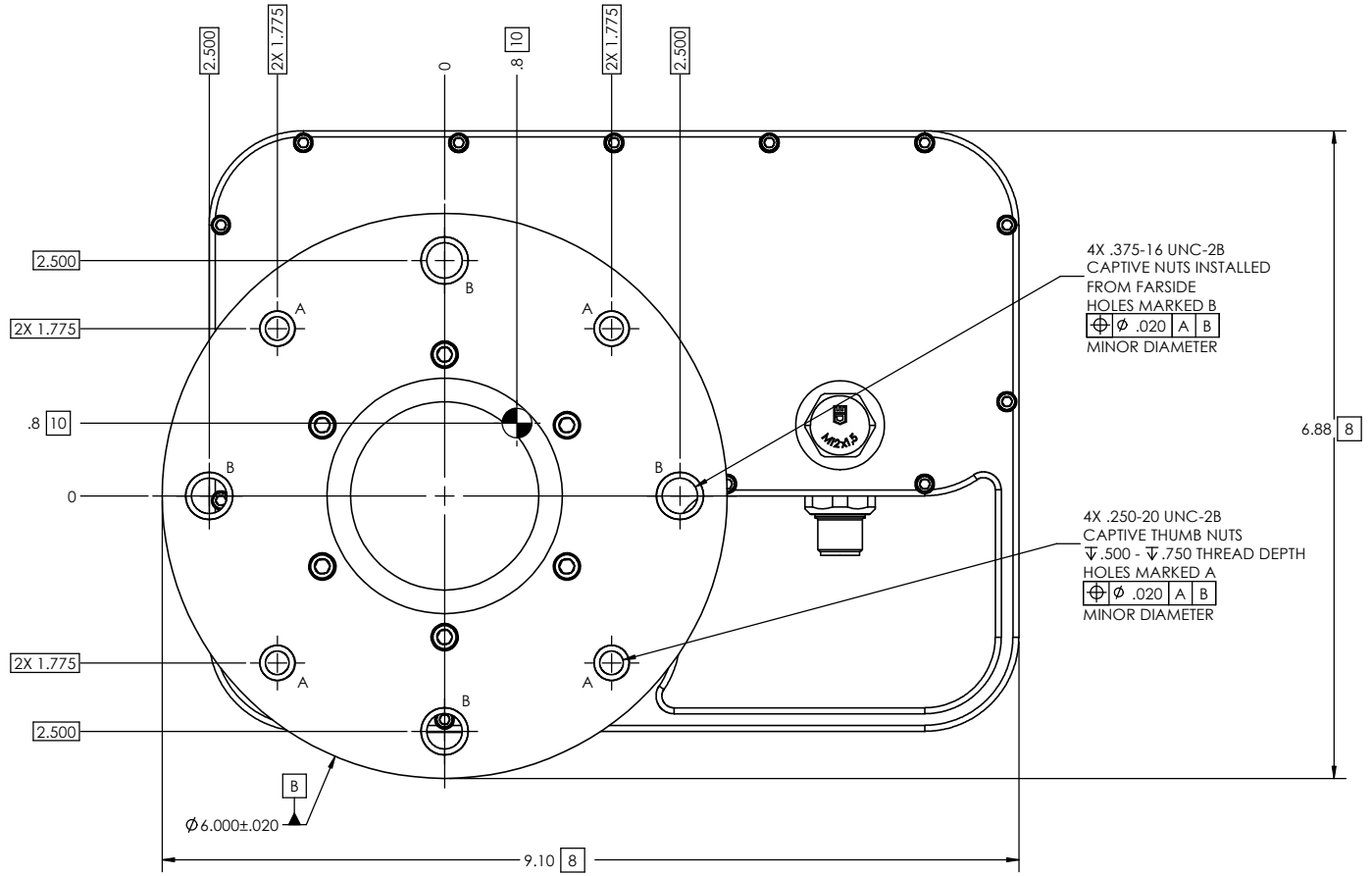
PART NO. SEE TABLE I

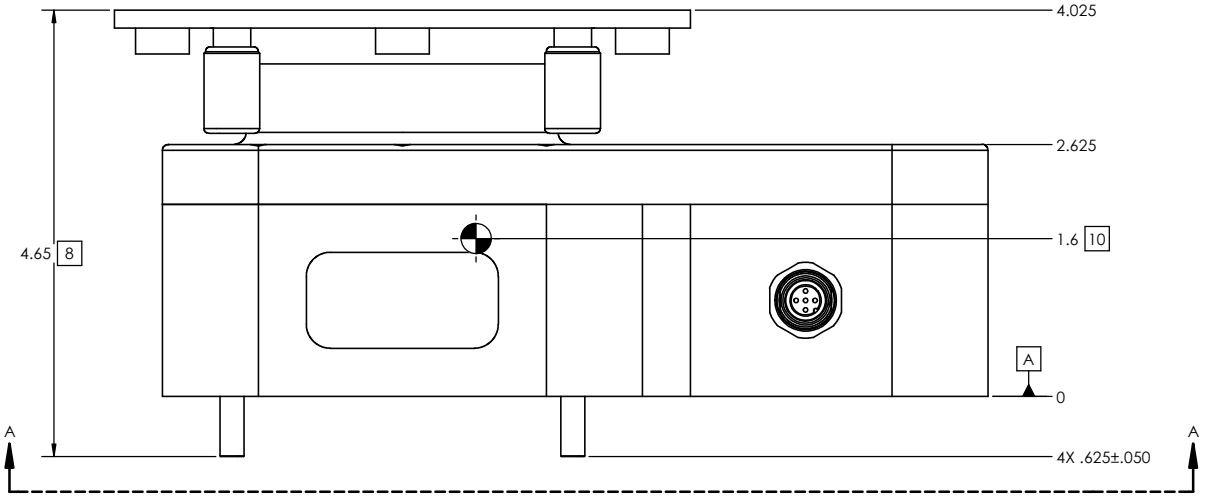
NEXTMOVE TECHNOLOGIES

TITLE: LINKALIGN-360POL-10 INTERFACE CONTROL DRAWING

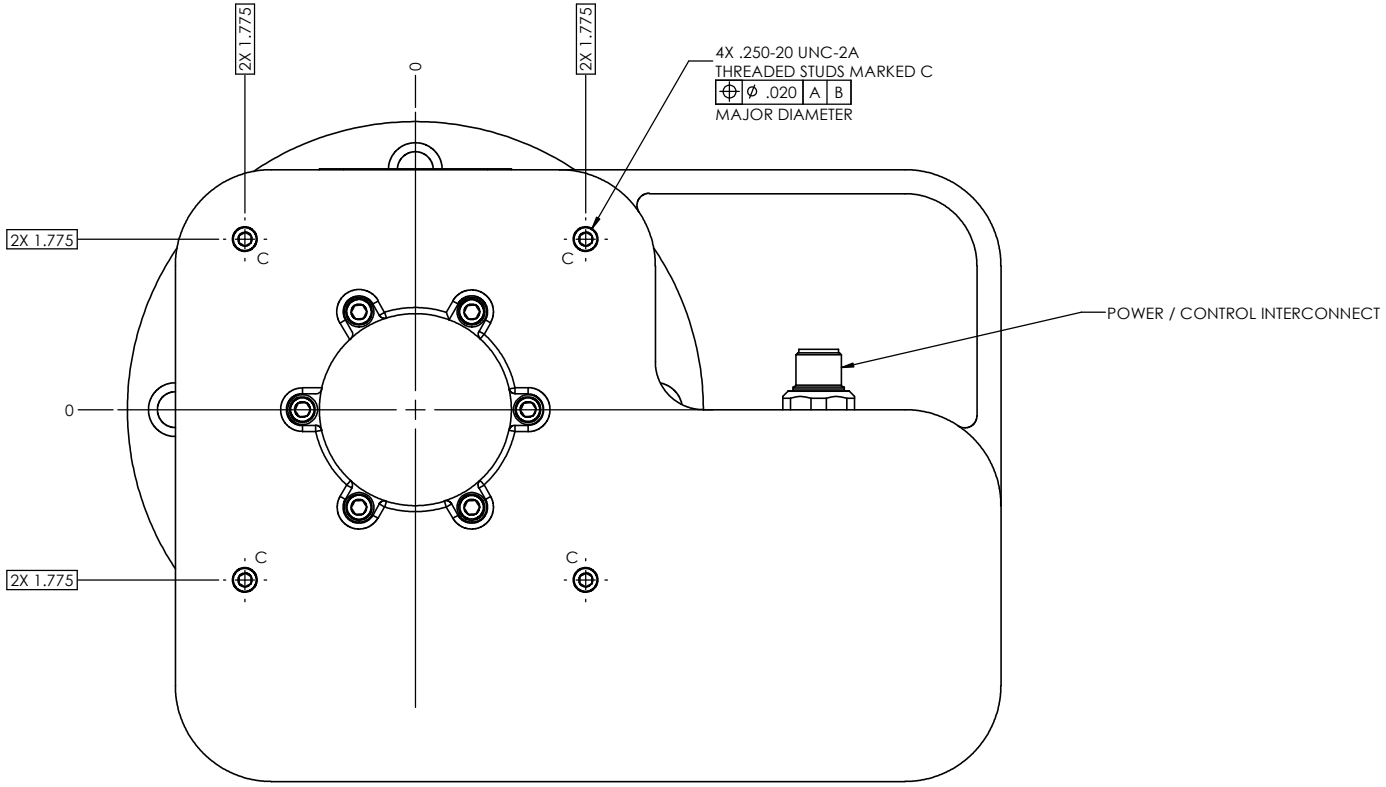
SIZE C | DWG. NO. ICDN900387 | REV B

SCALE: 1:1 | SHEET 1 OF 3





SIZE	DWG. NO.
C	ICDN900387
SCALE: 1:1	SHEET 2 OF 3



SECTION A-A

SIZE	DWG. NO.
C	ICDN900387
SCALE: 1:1	SHEET 3 OF 3