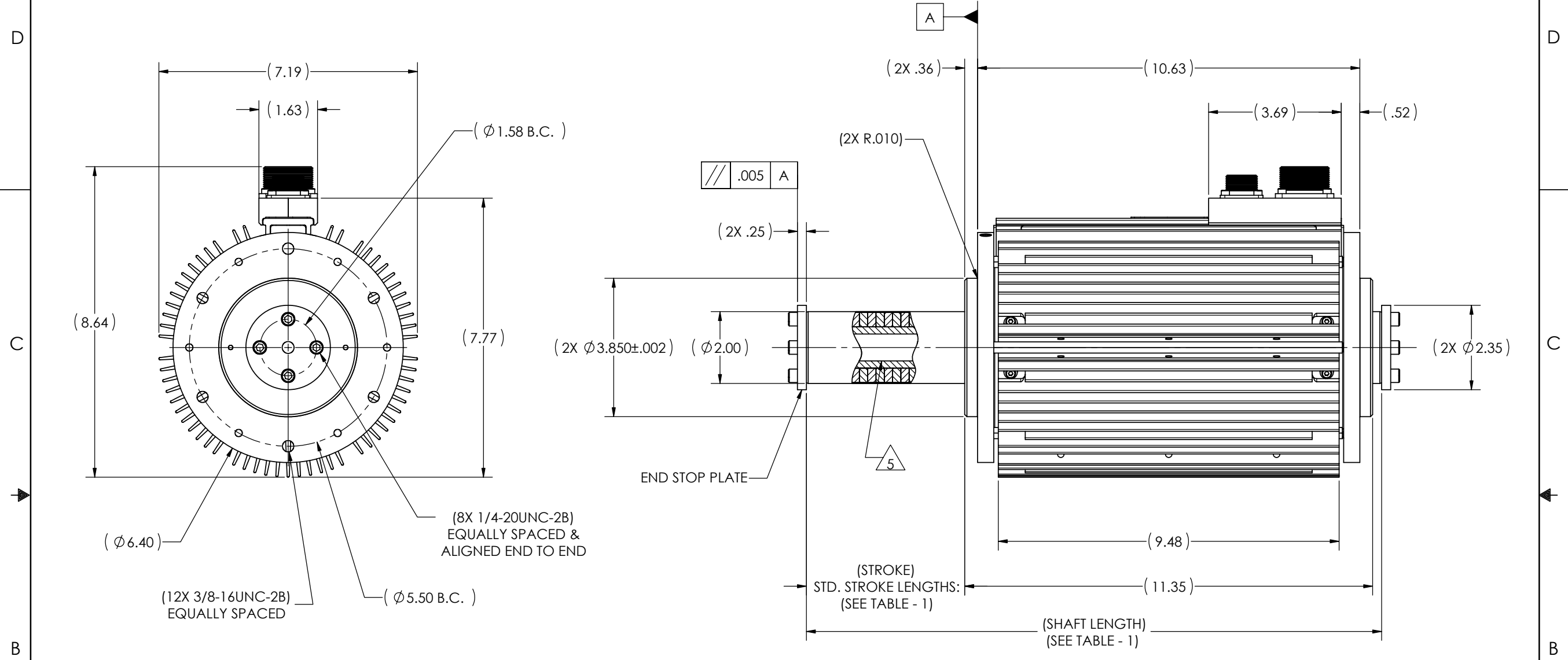


THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION, AND EXCEPT WITH WRITTEN PERMISSION OF CALIFORNIA LINEAR DEVICES, INC. SUCH INFORMATION SHALL NOT BE PUBLISHED OR DISCLOSED TO OTHERS, OR USED FOR ANY PURPOSE, AND THE DOCUMENT SHALL NOT BE DUPLICATED IN WHOLE OR IN PART.

DWG NO. ICD - 50204D SH 1 REV. A

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE PER ECO #0109	2/7/03	PH



INTERFACE CONTROL DRAWING

5. MOTOR SHAFT CONTAINS A .75 STANDARD TUBING INNER DIAMETER.

- FOR INFORMATION NOT CONTAINED ON THIS DRAWING, REFER TO USERS MANUAL (REF. UM-102).
- MODEL SHOWN: 50204D...-...-CV.
- THE MOTOR BEARINGS ARE NOT INTENDED TO SUPPORT RADIAL LOADS. THIS WILL RESULT IN ACCELERATED BEARING WEAR. PLEASE CONSULT CLD REGARDING YOUR APPLICATION IF RADIAL LOADS ARE EXPECTED.
- CAUTION: DO NOT OPERATE THE MOTOR WITHOUT THE END STOP PLATES OR AN EXTERNAL STOP TO CONTAIN THE SHAFT IN THE STATOR.

NOTES: UNLESS OTHERWISE SPECIFIED

TABLE - 1

MODEL NO.	STROKE LENGTH IN INCHES (NOMINAL)	POLE PITCH IN INCHES	ESTIMATED MOTOR WEIGHT IN LBS.	ESTIMATED SHAFT WEIGHT IN LBS.	SHAFT LENGTH IN INCHES
50204D02-...-...	2.35	.922	60	10	13.70
50204D04-...-...	4.65		62	12	16.00
50204D06-...-...	6.50		63	13	17.85
50204D08-...-...	8.35		64	15	19.70
50204D10-...-...	10.25		65	16	21.60
50204D12-...-...	12.05		66	18	23.40
50204D14-...-...	14.35		68	19	25.70
50204D16-...-...	16.23		69	21	27.58

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS .005 ANGLES ± 0.5° XXX ± .01 INTERPRET PER ASME Y14.5M BREAK EDGES -.015/003 FILLET RADIUS -.020/005 SURFACE ROUGHNESS 125 RMS PER ANSI B46.1

DO NOT SCALE DRAWING

MATERIAL N/A
FINISH N/A

APPROVALS		DATE
CHECKED MECHANICAL	C. GUFFEY	9/9/02
CHECKED ELECTRICAL	C. ELLARD	2/7/03
ENGINEERING MANAGER	G. SCHULTZ	2/7/03
QUALITY ASSURANCE	P. HOLLINGSWORTH	2/7/03

CLD 2236 Rutherford Road, Suite 119
Carlsbad, California 92008
California Linear Devices, Inc. www.callinear.com

50204D HIGH RESPONSE MOTOR

SCALE: 1:2 MODEL FILE NAME: 50204D rev. A SHEET 1 OF 2

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION, AND EXCEPT WITH WRITTEN PERMISSION OF CALIFORNIA LINEAR DEVICES, INC. SUCH INFORMATION SHALL NOT BE PUBLISHED OR DISCLOSED TO OTHERS, OR USED FOR ANY PURPOSE, AND THE DOCUMENT SHALL NOT BE DUPLICATED IN WHOLE OR IN PART.

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET - 1 FOR REVISIONS		

PIPE PLUG: WEATHERHEAD
P/N: 3153X1 (1/16NPT-27)
(2X 15° OFF VERTICAL)

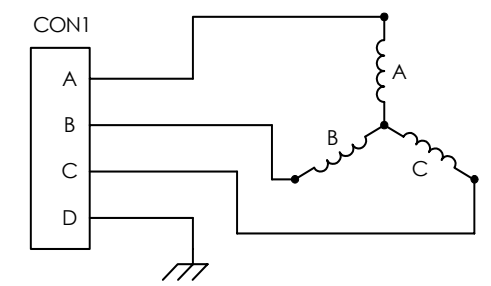
CON2 KEY - 0° CON1 KEY - 110°

CON2: AMPHENOL
P/N: 97-4102A-14S-5P

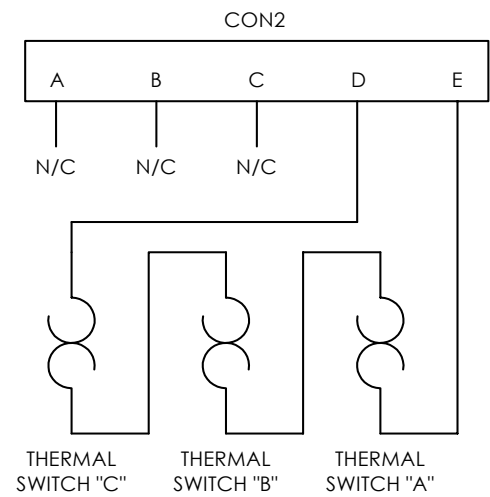
CON1: AMPHENOL
P/N: 97-3102A-22-22PX

(5.03) (4.80)

(3.29)
(1.54)



POWER CONNECTOR PINOUT



TEMPERATURE CONNECTOR PINOUT
(OPTION - T)