

WIRING DIAGRAM

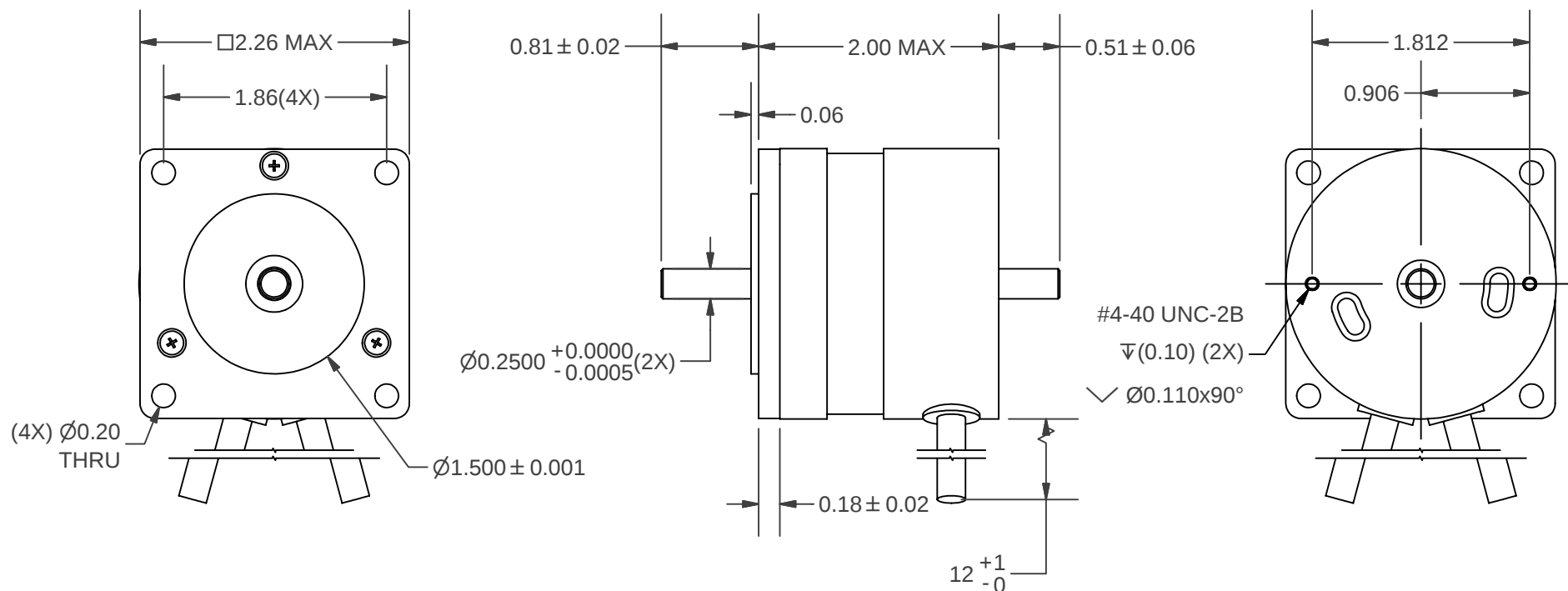
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

UL 1007 / 22AWG

- ALL MATERIALS MUST BE ROHS COMPLIANT
- ROHS C.O.C. REQUIRED FOR EACH SHIPMENT

REVISION HISTORY

ECN	REV	DATE	DESCRIPTION	INIT
23622	A	4/12/11	ORIGINAL	BR



NUMBER OF ROTOR POLES	4
RATED VOLTAGE	36 V
LINE TO LINE RESIST. (±10%)	1.8 Ohm
RATED TORQUE	16.5 oz-in
RATED SPEED	4000 RPM
INSULATION CLASS	B

LIN ENGINEERING
Step Motor Specialists
www.linengineering.com

The information herein is the property of Lin Engineering.
No portion of this data shall be released, disclosed, used,
or duplicated for any purposes without the written consent
of Lin Engineering.

IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION

Unless Otherwise Specified
Dimensions Are In:

Inches [mm]

Tolerances Are:

Angles ±1°

Chamfer ±5°

Deburr All Edges 0.005" MAX

Inches	mm
.xx ± .01	.x ± 0.25
.xxx ± .005	.xxx ± 0.13
.xxxx ± .0005	.xxxx ± 0.013

APPROVALS

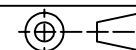
DRWN: Ben Ramos

CHKD:

DATE

4/12/2011

APRV:



THIRD ANGLE
PROJECTION

TITLE

BLDC MOTOR OUTLINE

MOTOR NUMBER

BL24B20-02D-02RO

MATERIAL

001-07700

SIZE

A

DRAWING NO.

001-09040

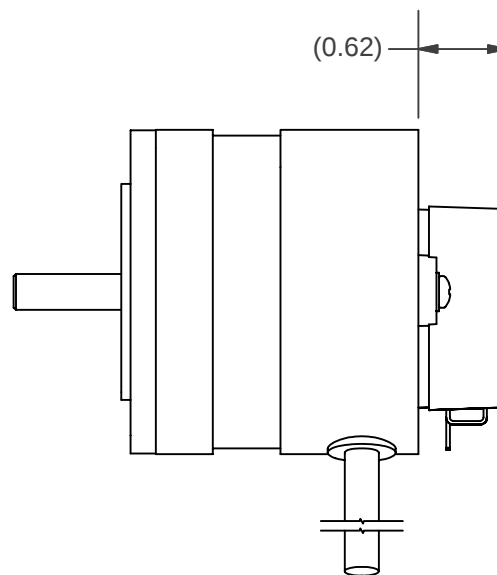
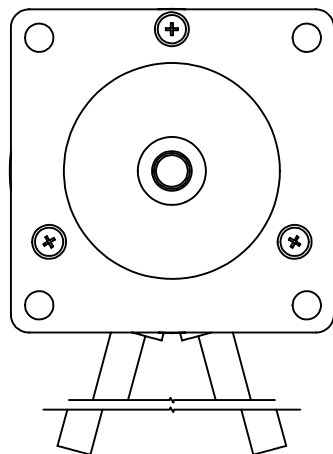
SCALE

0.75 : 1

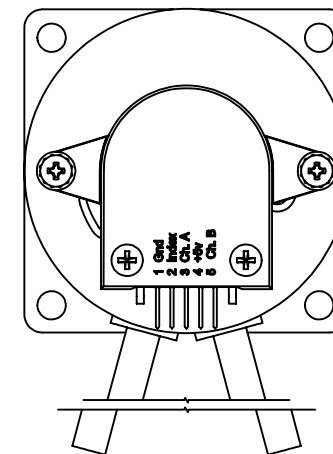
DO NOT SCALE
DRAWING

SHEET

1 OF 2



ENCODER
LIN # 061-00120
(E2 TYPE
200 CPR
WITH "I" OPTION)



LIN ENGINEERING
Step Motor Specialists
www.linengineering.com

The information herein is the property of Lin Engineering.
No portion of this data shall be released, disclosed, used,
or duplicated for any purposes without the written consent
of Lin Engineering.

ⓀA IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION

Unless Otherwise Specified
Dimensions Are In:
Inches [mm]
Tolerances Are:
Angles $\pm 1^\circ$
Chamfer $\pm 5^\circ$
Deburr All Edges 0.005" MAX

Inches	mm
.xx $\pm .01$	.x ± 0.25
.xxx $\pm .005$	.xx ± 0.13
.xxxx $\pm .0005$	.xxx ± 0.013

APPROVALS

DRWN: Ben Ramos

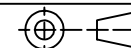
CHKD:

DATE

4/12/2011

APRV:

THIRD ANGLE
PROJECTION



TITLE

BLDC MOTOR OUTLINE

MOTOR NUMBER

BL24B20-02D-02RO

MATERIAL

001-07700

SIZE

A

DRAWING NO.

001-09040

SCALE

0.75 : 1

DO NOT SCALE
DRAWING

SHEET

2 OF 2