

WIRING DIAGRAM

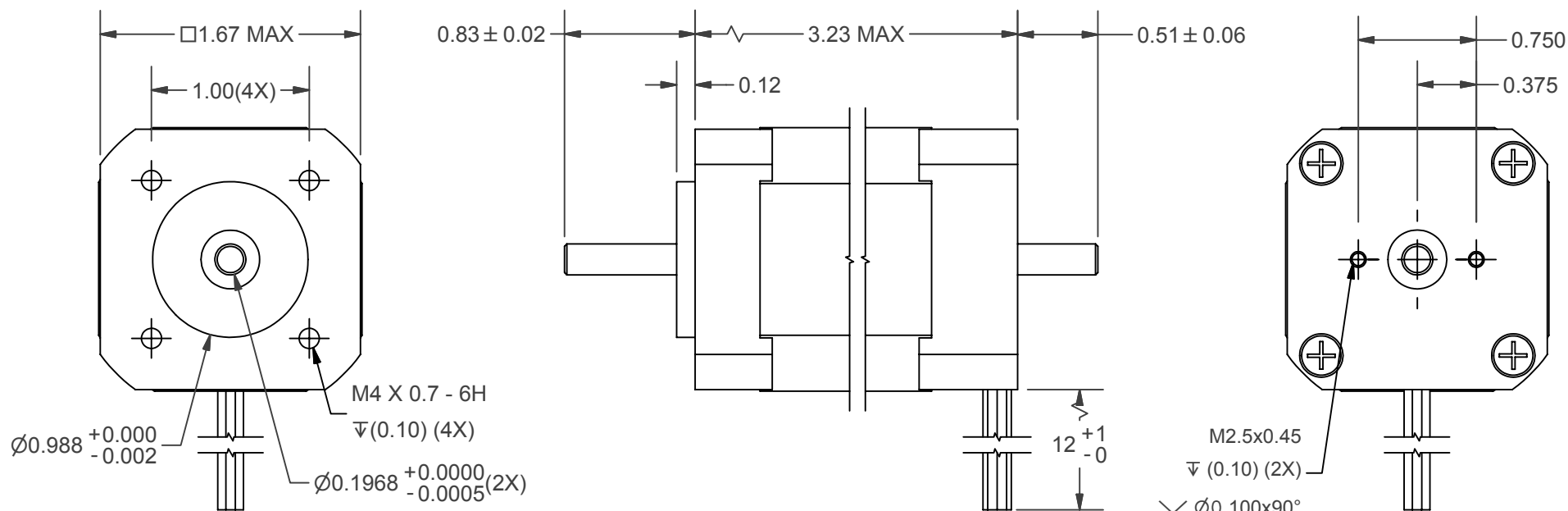
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

UL 1007 / 22AWG

REVISION HISTORY

ECN	REV	DATE	DESCRIPTION	INIT
23621	A	04/07/2011	ORIGINAL	TL

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



NUMBER OF ROTOR POLES	8
RATED VOLTAGE	24 V
LINE TO LINE RESIST.	(0.5) Ohm
LINE TO LINE INDUCT.	0.75 mH
RATED TORQUE	26.2 oz-in
RATED SPEED	4000 RPM
TORQUE CONSTANT	4.32 oz-in/A
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.

QA 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	.xx ± 0.13
.xxxx ± .0005	.xxx ± 0.013

APPROVALS

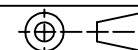
DRWN:
TONY LEE

CHKD:

DATE

4/7/2011

APRV:

THIRD ANGLE
PROJECTION

TITLE

BLDC MOTOR OUTLINE

MOTOR NUMBER

BL17B32-02D-05RO

MATERIAL

001-07696

SIZE
A

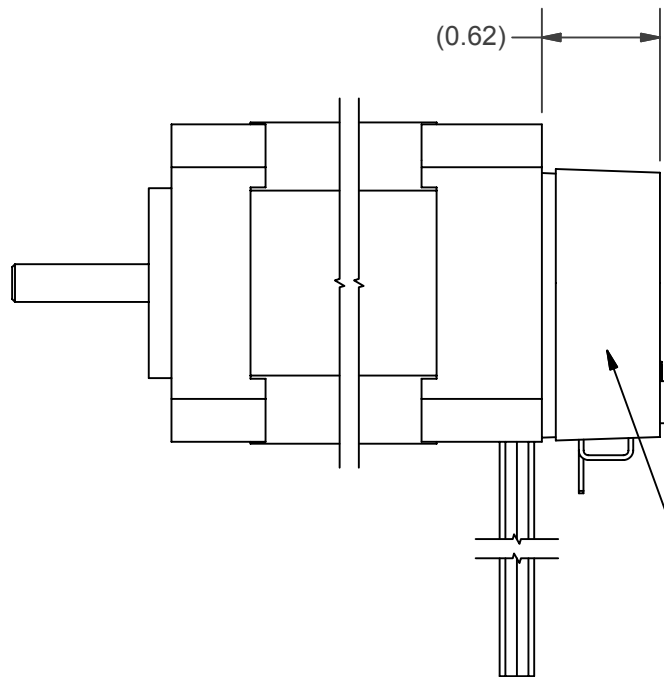
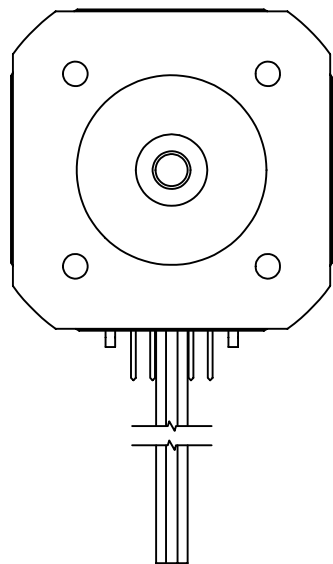
DRAWING NO.

001-09025

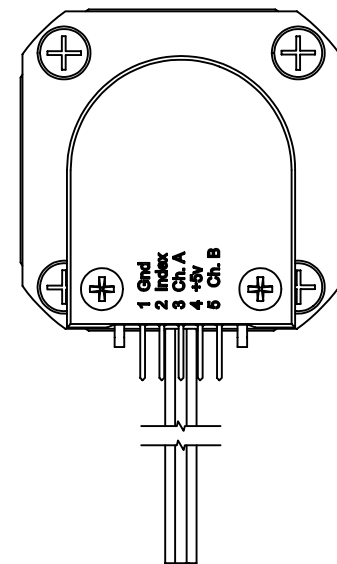
SCALE
1 : 1DO NOT SCALE
DRAWING

SHEET

1 OF 2



ENCODER
 LIN # 061-00037
 (U.S. DIGITAL #
 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.



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

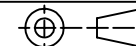
DRWN: TONY LEE

CHKD:

DATE

4/7/2011

THIRD ANGLE
PROJECTION



TITLE

BLDC MOTOR OUTLINE

MOTOR NUMBER

BL17B32-02D-05RO

MATERIAL

001-07696

SIZE

A

DRAWING NO.

001-09025

SCALE

1 : 1

DO NOT SCALE
DRAWING

SHEET

2 OF 2