

WIRING DIAGRAM

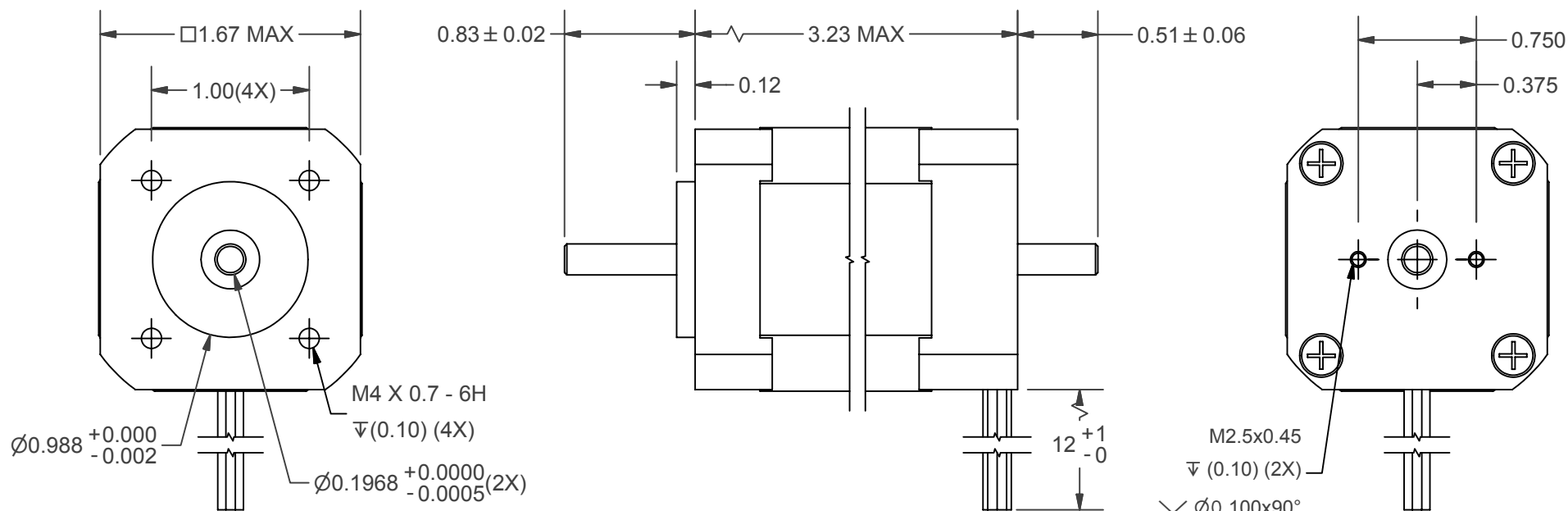
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

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

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Q.A. 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

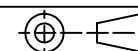
DRWN: TONY LEE

CHKD:

DATE

4/7/2011

APRV:

THIRD ANGLE
PROJECTION

TITLE

BLDC MOTOR OUTLINE

MOTOR NUMBER

BL17B32-02D-06RO

MATERIAL

001-07696

SIZE

A

DRAWING NO.

001-09026

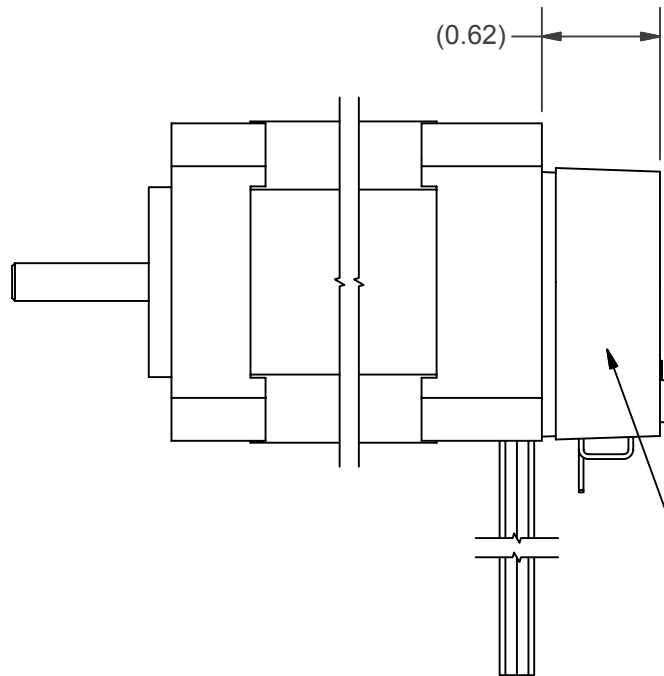
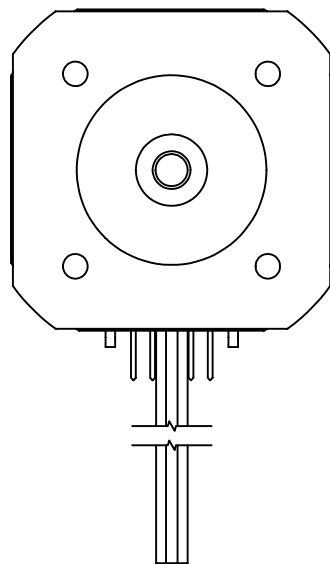
SCALE

1 : 1

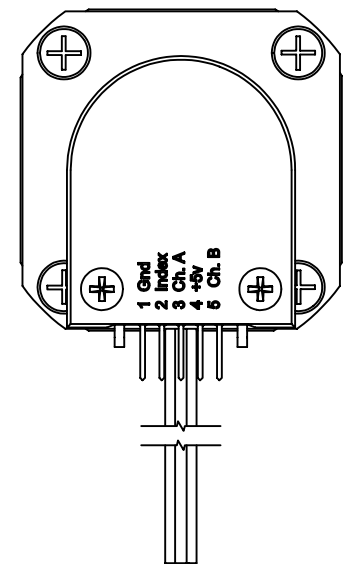
DO NOT SCALE
DRAWING

SHEET

1 OF 2



ENCODER
LIN # 061-00138
(U.S. DIGITAL #
E2 TYPE
1000 CPR
WITH "I" OPTION)



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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

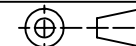
DRWN: TONY LEE

CHKD:

DATE

4/7/2011

THIRD ANGLE
PROJECTION



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BLDC MOTOR OUTLINE

MOTOR NUMBER

BL17B32-02D-06RO

MATERIAL

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SIZE
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DRAWING NO.

001-09026

SCALE
1 : 1

DO NOT SCALE
DRAWING

SHEET
2 OF 2