

DWG NO. 001-09025 2 APPLICABLE TO VERSIONS M & P

1

WIRING DIAGRAM

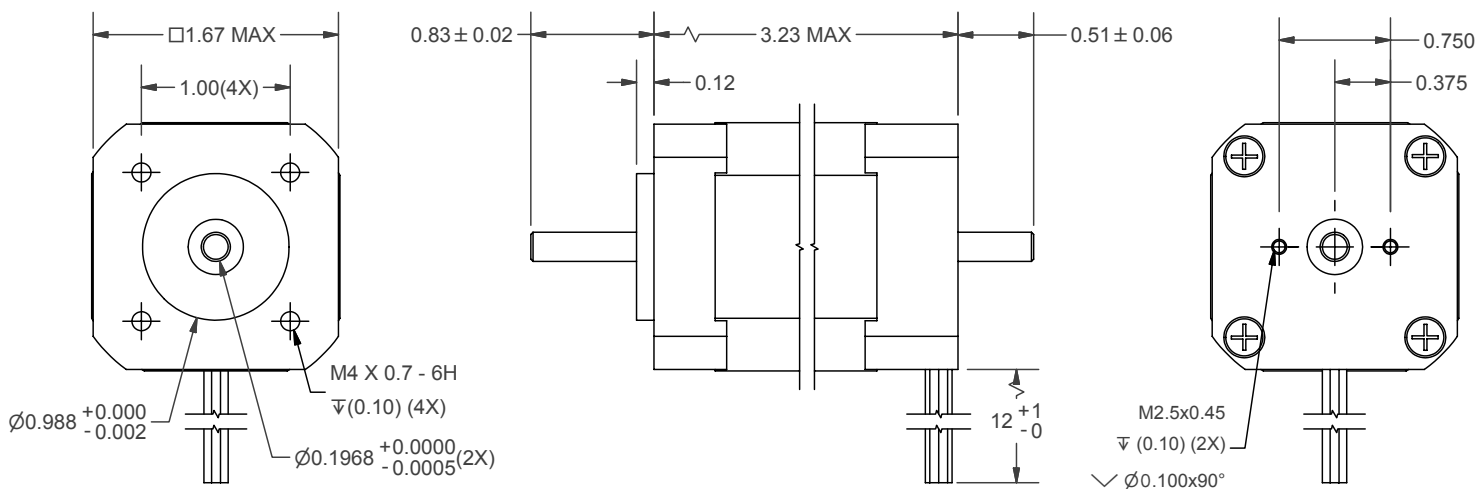
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

REVISION HISTORY

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

UL 1007 / 22AWG

- 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

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		Inches	mm									
		.xx ± .01	.x ± 0.25									
		.xxx ± .005	.xx ± 0.13									
.xxxx ± .0005	.xxx ± 0.013											
<p>APPROVALS</p> <p>DRWN: TONY LEE</p> <p>CHKD:</p>		<p>DATE</p> <p>4/7/2011</p> <p>APRV:</p>										
<p>MOTOR NUMBER BL17B32-02D-05RO</p> <p>MATERIAL 001-07696</p>		<p>SIZE A</p>	<p>DRAWING NO. 001-09025</p>									
<p>SCALE 1:1</p>		<p>DO NOT SCALE DRAWING</p>	<p>SHEET 1 OF 2</p>									

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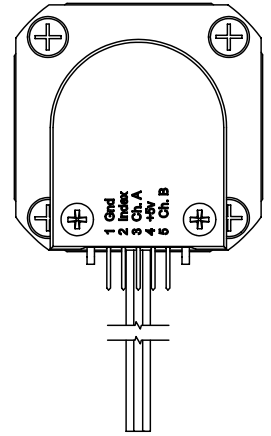
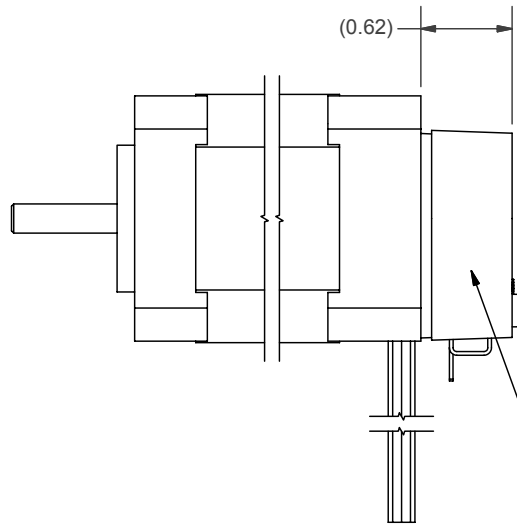
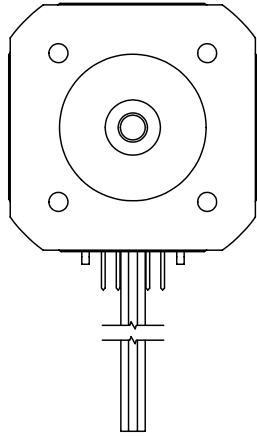
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ENG-100-F2 REV F

DWG NO. 001-09025

2 APPLICABLE TO VERSIONS M & P

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ENCODER
 LIN # 061-00037
 (U.S. DIGITAL #
 E2 TYPE
 200 CPR
 WITH "I" OPTION)

LIN ENGINEERING
 Step Motor Specialists
 www.linengineering.com

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Ⓞ 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:

THIRD ANGLE PROJECTION

DATE

4/7/2011

APRV:

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

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2

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ENG-100-F2 REV F