

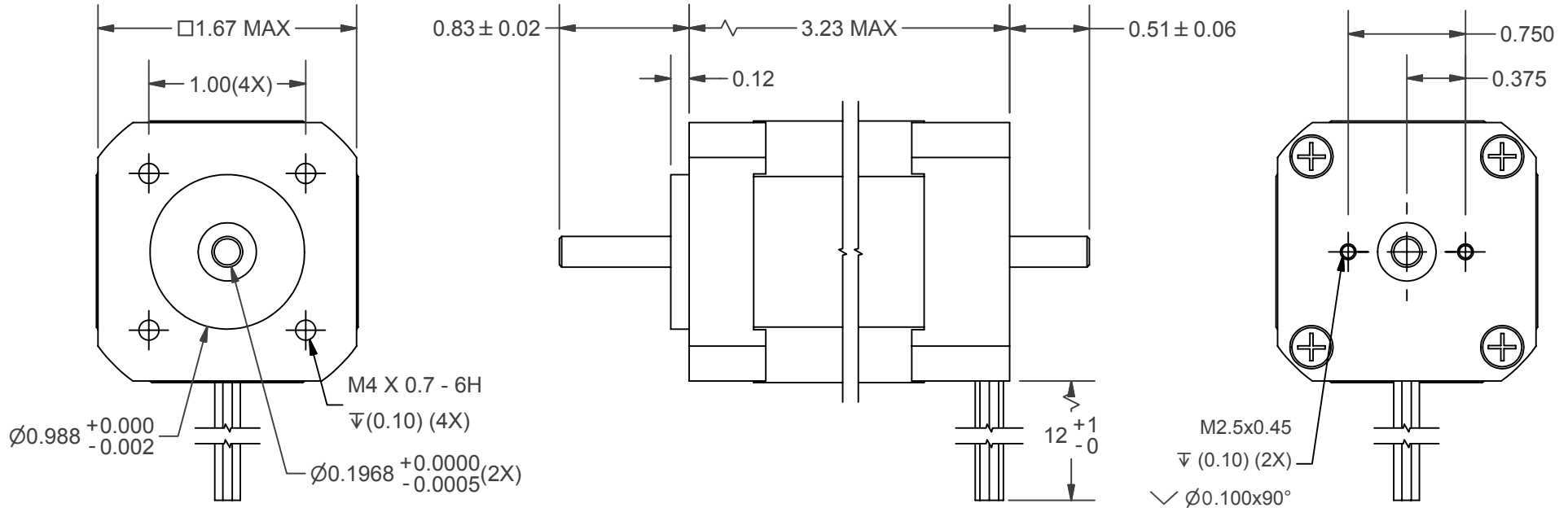
WIRING DIAGRAM

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

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 Step Motor Specialists  
 www.linengineering.com

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IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION

THIRD ANGLE PROJECTION

APPROVALS	DATE
DRWN: TONY LEE	4/7/2011
CHKD:	APRV:

Unless Otherwise Specified Dimensions Are In: Inches [mm] Tolerances Are: Angles $\pm 1^\circ$ Chamfer $\pm 5^\circ$ Deburr All Edges 0.005" MAX	<table border="1"> <tr> <th>Inches</th> <th>mm</th> </tr> <tr> <td>.xx <math>\pm .01</math></td> <td>.x <math>\pm 0.25</math></td> </tr> <tr> <td>.xxx <math>\pm .005</math></td> <td>.xx <math>\pm 0.13</math></td> </tr> <tr> <td>.xxxx <math>\pm .0005</math></td> <td>.xxx <math>\pm 0.013</math></td> </tr> </table>	Inches	mm	.xx $\pm .01$	.x $\pm 0.25$	.xxx $\pm .005$	.xx $\pm 0.13$	.xxxx $\pm .0005$	.xxx $\pm 0.013$
Inches	mm								
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.xxx $\pm .005$	.xx $\pm 0.13$								
.xxxx $\pm .0005$	.xxx $\pm 0.013$								

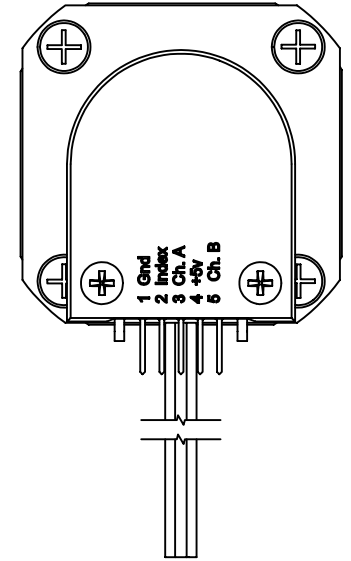
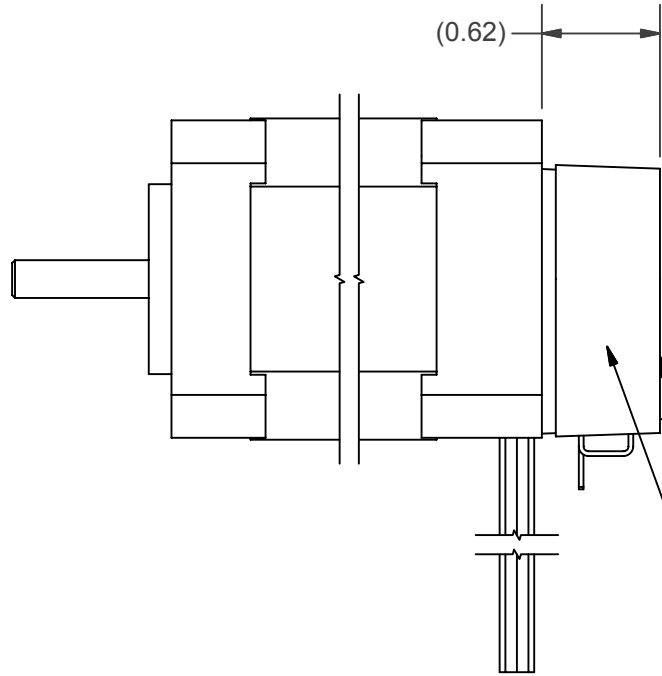
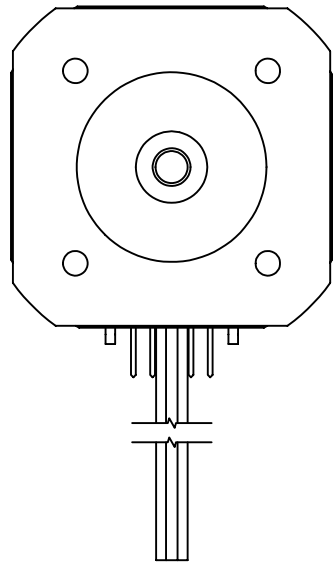
TITLE: **BLDC MOTOR OUTLINE**

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 ±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 <b>BLDC MOTOR OUTLINE</b>		
MOTOR NUMBER <b>BL17B32-02D-06RO</b>		
MATERIAL <b>001-07696</b>		
SIZE <b>A</b>	DRAWING NO. <b>001-09026</b>	
SCALE <b>1 : 1</b>	DO NOT SCALE DRAWING	SHEET <b>2 OF 2</b>