

WIRING DIAGRAM

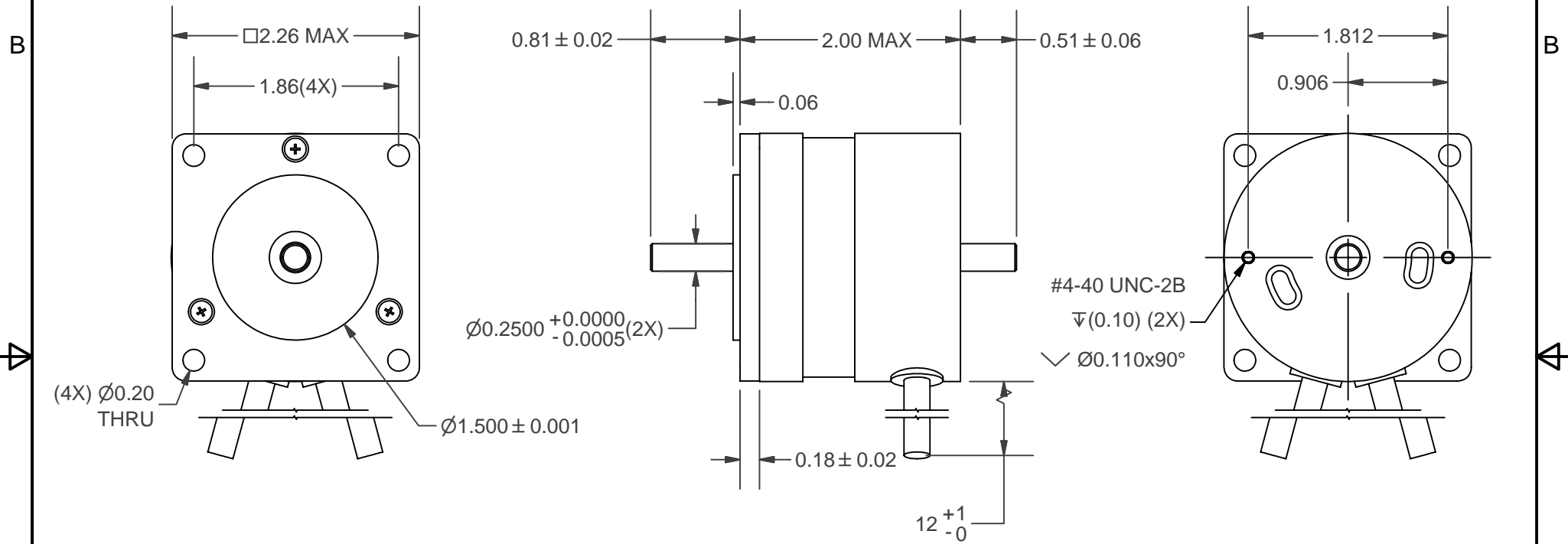
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

UL 1007 / 22AWG

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

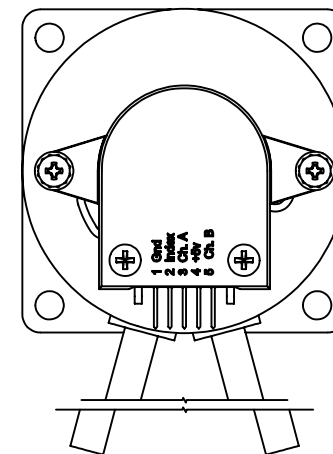
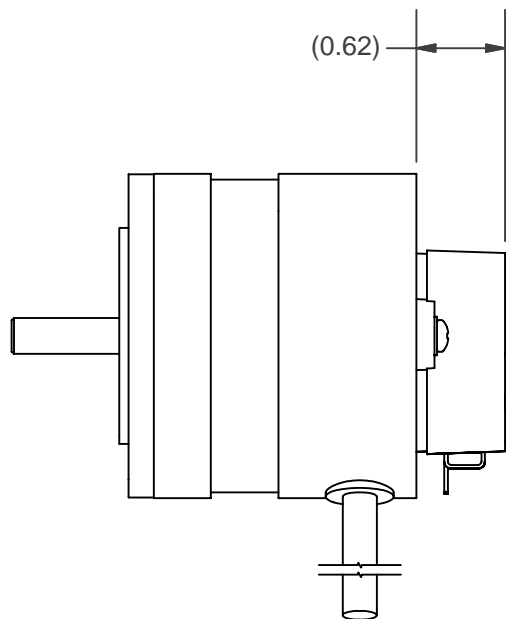
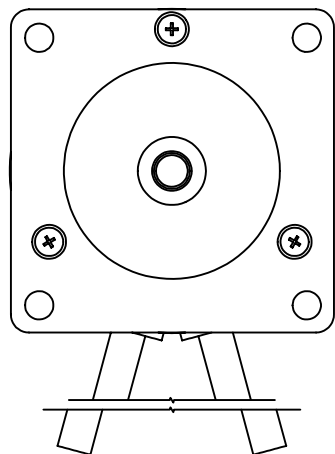
REVISION HISTORY

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. ($\pm 10\%$)	1.8 Ohm
RATED TORQUE	16.5 oz-in
RATED SPEED	4000 RPM
INSULATION CLASS	B

<p>LIN ENGINEERING Step Motor Specialists www.linengineering.com</p>	<p>QA IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION</p> <p>Unless Otherwise Specified Dimensions Are In: Inches [mm] Tolerances Are: Angles $\pm 1^\circ$ Chamfer $\pm 5^\circ$ Deburr All Edges 0.005" MAX</p> <table border="1"> <thead> <tr> <th>Inches</th> <th>mm</th> </tr> </thead> <tbody> <tr> <td>.xx $\pm .01$</td> <td>.x ± 0.25</td> </tr> <tr> <td>.xxx $\pm .005$</td> <td>.xx ± 0.13</td> </tr> <tr> <td>.xxxx $\pm .0005$</td> <td>.xxx ± 0.013</td> </tr> </tbody> </table>	Inches	mm	.xx $\pm .01$.x ± 0.25	.xxx $\pm .005$.xx ± 0.13	.xxxx $\pm .0005$.xxx ± 0.013	<p>THIRD ANGLE PROJECTION</p>	TITLE	BLDC MOTOR OUTLINE	
		Inches	mm										
.xx $\pm .01$.x ± 0.25												
.xxx $\pm .005$.xx ± 0.13												
.xxxx $\pm .0005$.xxx ± 0.013												
<p>APPROVALS</p> <p>DRWN: Ben Ramos</p> <p>CHKD:</p>	<p>DATE</p> <p>4/12/2011</p> <p>APRV:</p>	<p>MOTOR NUMBER</p> <p>BL24B20-02D-03RO</p>	<p>MATERIAL</p> <p>001-07700</p>	<p>SIZE</p> <p>A</p>	<p>DRAWING NO.</p> <p>001-09041</p>								
<p>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.</p>		<p>SCALE</p> <p>0.75 : 1</p>	<p>DO NOT SCALE DRAWING</p>	<p>SHEET</p> <p>1 OF 2</p>									



ENCODER
 LIN # 061-00153
 (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

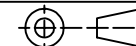
Inches	mm
.xx ± .01	.x ± 0.25
.xxx ± .005	.xx ± 0.13
.xxxx ± .0005	.xxx ± 0.013

APPROVALS

DRWN: Ben Ramos
 CHKD:

DATE

4/12/2011
 APRV:



TITLE **BLDC MOTOR OUTLINE**

MOTOR NUMBER **BL24B20-02D-03RO**

MATERIAL **001-07700**

SIZE **A** DRAWING NO. **001-09041**

SCALE **0.75 : 1** DO NOT SCALE DRAWING SHEET **2 OF 2**