

WIRING DIAGRAM

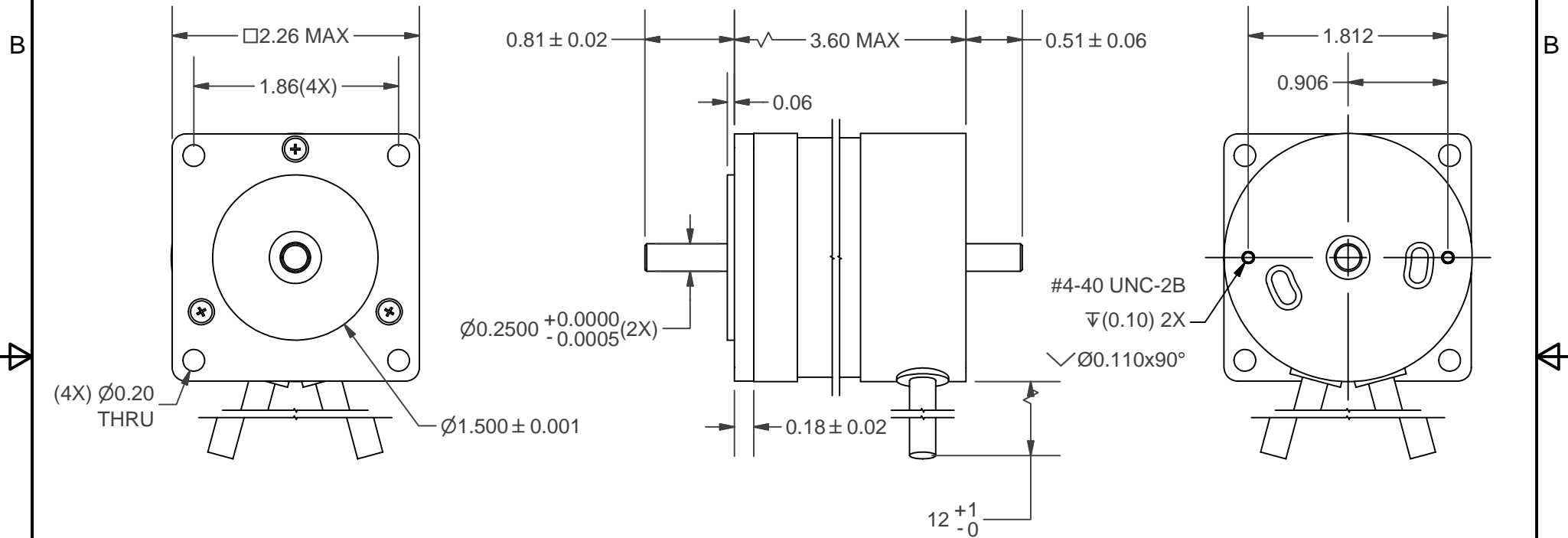
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

UL 1007 / 22AWG

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

REVISION HISTORY

ECN	REV	DATE	DESCRIPTION	INIT
23623	A	4/12/11	ORIGINAL	BR



NUMBER OF ROTOR POLES	4
RATED VOLTAGE	36 V
LINE TO LINE RESIST. (±10%)	0.53 Ohm
RATED TORQUE	59 oz-in
RATED SPEED	4000 RPM
INSULATION CLASS	B

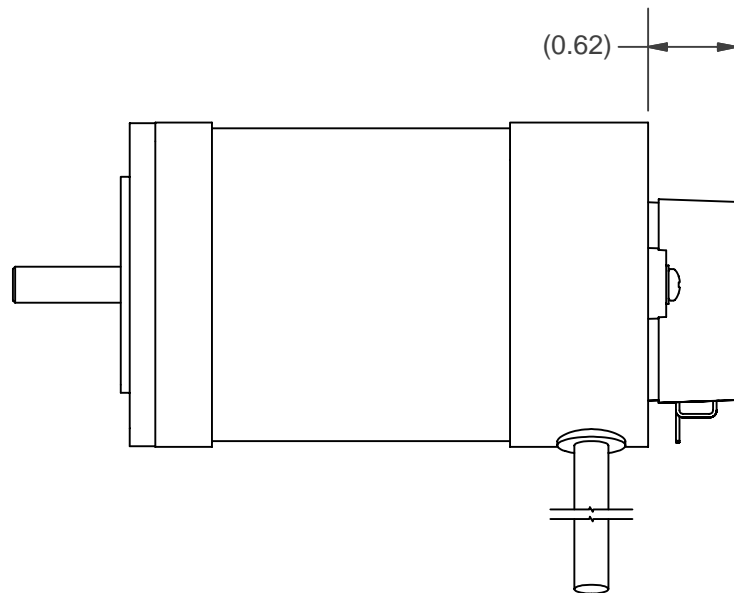
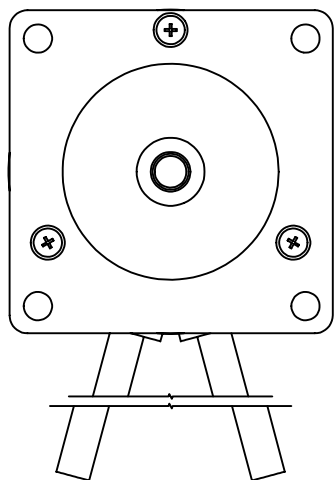
<p>LIN ENGINEERING Step Motor Specialists www.linengineering.com</p> <p>The information herein is the property of Lin Engineering. No portion of this data shall be released, disclosed, used, or duplicated for any purposes without the written consent of Lin Engineering.</p>	<p>QA IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION</p> <p>Unless Otherwise Specified Dimensions Are In: Inches [mm] Tolerances Are: Angles ±1° Chamfer ±5° Deburr All Edges 0.005" MAX</p> <table border="1"> <thead> <tr> <th>Inches</th> <th>mm</th> </tr> </thead> <tbody> <tr> <td>.xx ± .01</td> <td>.x ± 0.25</td> </tr> <tr> <td>.xxx ± .005</td> <td>.xx ± 0.13</td> </tr> <tr> <td>.xxxx ± .0005</td> <td>.xxx ± 0.013</td> </tr> </tbody> </table>	Inches	mm	.xx ± .01	.x ± 0.25	.xxx ± .005	.xx ± 0.13	.xxxx ± .0005	.xxx ± 0.013	<p>THIRD ANGLE PROJECTION</p>	TITLE	BLDC MOTOR OUTLINE	
		Inches	mm										
		.xx ± .01	.x ± 0.25										
		.xxx ± .005	.xx ± 0.13										
.xxxx ± .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>	MOTOR NUMBER	BL24B36-02D-07RO										
		MATERIAL	001-07704										
		SIZE	DRAWING NO.	001-09044									
		SCALE	DO NOT SCALE DRAWING	SHEET 1 OF 2									

B

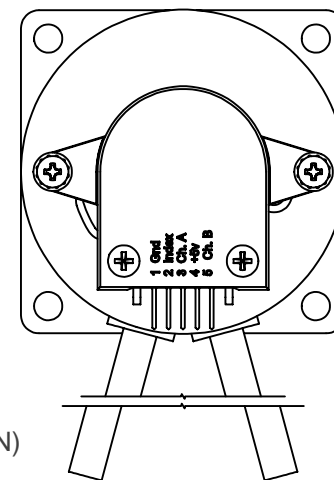
B

A

A



ENCODER
 LIN # 061-00153
 (E2 TYPE
 1000 CPR
 WITH "I" OPTION)



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.xxxx ± .0005	.xxx ± 0.013										

TITLE BLDC MOTOR OUTLINE			
MOTOR NUMBER BL24B36-02D-07RO		MATERIAL 001-07704	
SIZE A	DRAWING NO. 001-09044		
SCALE 0.75 : 1	DO NOT SCALE DRAWING	SHEET 2 OF 2	