

DWG NO. 001-09041 2 APPLICABLE TO VERSIONS M & P

1

WIRING DIAGRAM

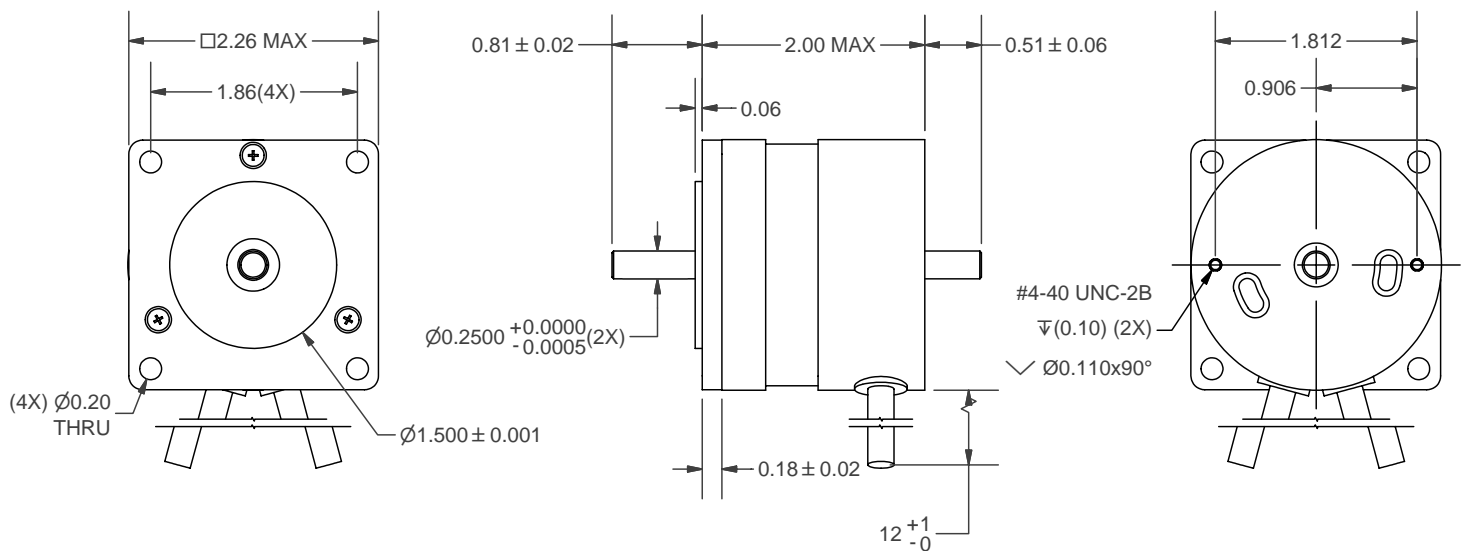
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

REVISION HISTORY

ECN	REV	DATE	DESCRIPTION	INIT
23622	A	4/12/11	ORIGINAL	BR

UL 1007 / 22AWG

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



NUMBER OF ROTOR POLES	4
RATED VOLTAGE	36 V
LINE TO LINE RESIST. (±10%)	1.8 Ohm
RATED TORQUE	16.5 oz-in
RATED SPEED	4000 RPM
INSULATION CLASS	B

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		Inches	mm								
		.xx ± .01	.x ± 0.26								
		.xxx ± .005	.xx ± 0.13								
.xxxx ± .0005	.xxx ± 0.013										
APPROVALS	DATE	BLDC MOTOR OUTLINE									
DRWN: Ben Ramos	4/12/2011	MOTOR NUMBER	BL24B20-02D-03RO								
CHKD:	APRV:	MATERIAL	001-07700								
		SIZE A	DRAWING NO. 001-09041								
		SCALE 0.75 : 1	DO NOT SCALE DRAWING SHEET 1 OF 2								

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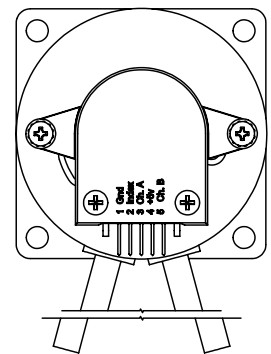
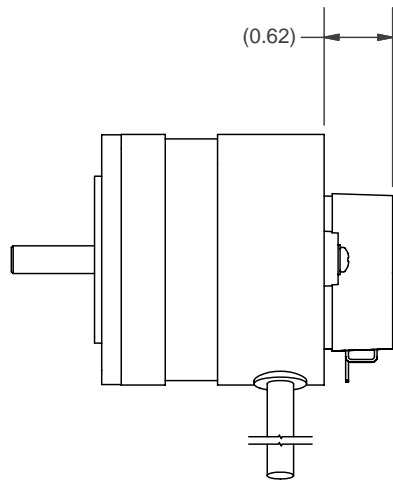
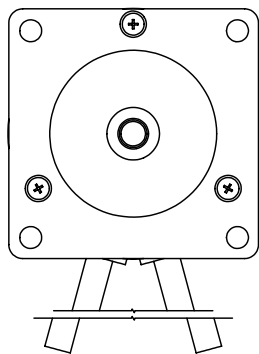
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ENG-100-F2 REV F

DWG NO. 001-09041

2 APPLICABLE TO VERSIONS M & P

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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 ± 0.26
.xxx ± .005	.xx ± 0.13
.xxxx ± .0005	.xxx ± 0.013

APPROVALS

DRWN: Ben Ramos

CHKD:

DATE

4/12/2011

THIRD ANGLE PROJECTION



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

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