

WIRING DIAGRAM

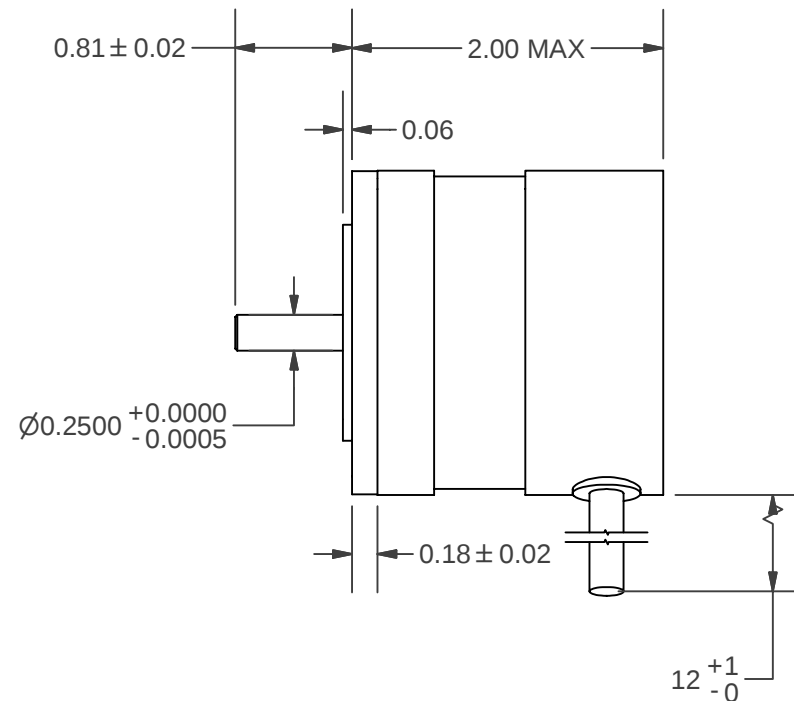
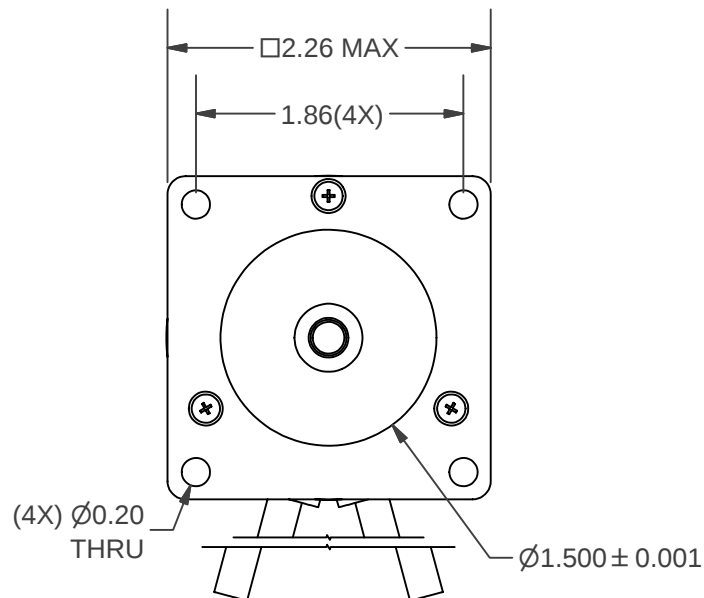
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

UL 1007 / 22AWG

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

REVISION HISTORY

ECN	REV	DATE	DESCRIPTION	INIT
19007	A	10/21/09	ORIGINAL	BR



NUMBER OF ROTOR POLES	4
RATED VOLTAGE	36 V
LINE TO LINE RESIST.	(1.86) Ohm
LINE TO LINE INDUCT.	3.89 mH
RATED TORQUE	19 oz-in
RATED SPEED	4000 RPM
TORQUE CONSTANT	9.1 oz-in/A
INSULATION CLASS	B

UNLESS OTHERWISE SPECIFIED DEBURR ALL EDGES 0.005" MAX

TITLE

DO NOT SCALE DRAWING

Ⓢ IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION

BLDC MOTOR OUTLINE

LIN ENGINEERING
Step Motor Specialists

1990 Russell Ave - Santa Clara, CA 95054

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www.linengineering.com

Unless Otherwise Specified
Dimensions Are In:
Inches [mm]
Tolerances Are:

Angles ± 1'

Inches	mm
.xx ± 0.01	.x ± 0.25
.xxx ± 0.005	.xx ± 0.13
.xxxx ± 0.0005	.xxx ± 0.013

APPROVALS

DATE

DRWN: Ben Ramos

10/21/2009

CHKD:

APRV:

MOTOR NUMBER

BL24B20-02-RO

MATERIAL

SIZE A

DRAWING NO.

001-07699

SCALE

0.75 : 1

SHEET

1

OF

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