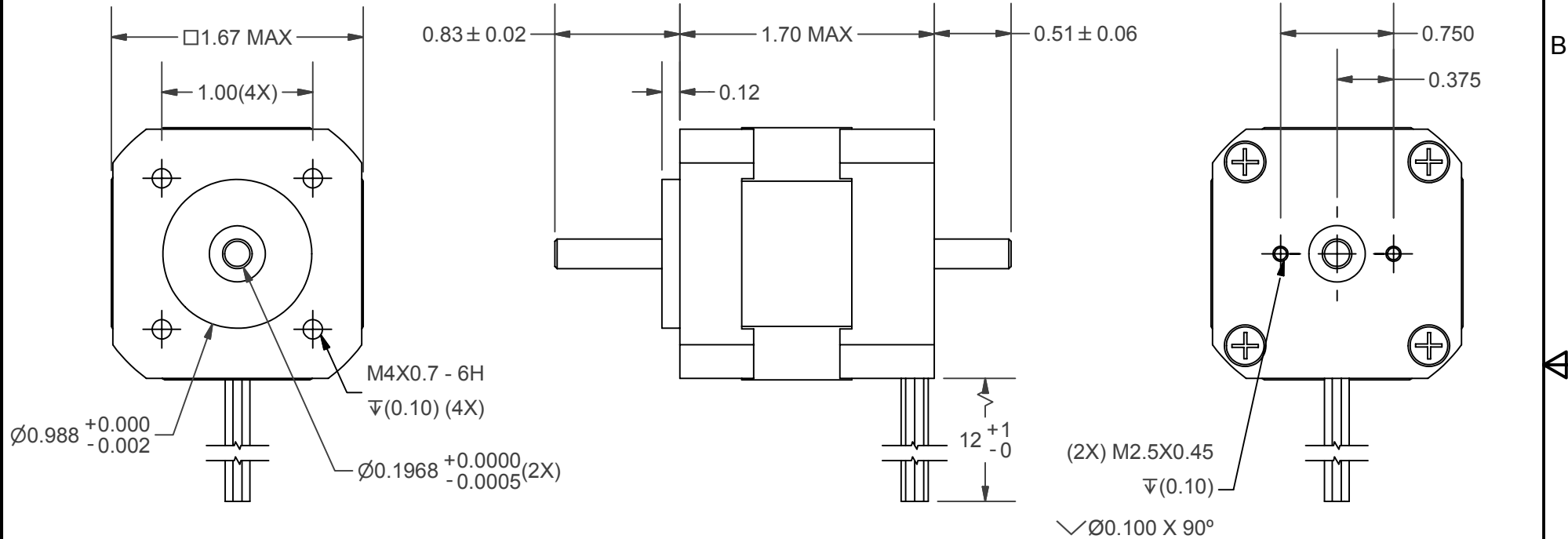


| WIRING DIAGRAM | | | | | | | |
|------------------|--------|--------|--------|---------|---------|---------|---------|
| Hall Vcc | Hall A | Hall B | Hall C | GND | Phase A | Phase B | Phase C |
| RED/WHT | BLUE | GREEN | WHITE | BLK/WHT | YELLOW | RED | BLACK |
| UL 1007 / 22 AWG | | | | | | | |

| REVISION HISTORY | | | | |
|------------------|-----|------------|-------------|-------|
| ECN | REV | DATE | DESCRIPTION | INIT. |
| 23620 | A | 04/07/2011 | ORIGINAL | TL |

- 1- ALL MATERIALS MUST BE ROHS COMPLIANT
- 2- ROHS C.O.C REQUIRED FOR EACH SHIPMENT
- 3- 0.020 MAX AXIAL MOVEMENT @ 15 LBS



| | |
|-----------------------|------------|
| NUMBER OF ROTOR POLES | 8 |
| RATED VOLTAGE | 24 V |
| LINE TO LINE RESIST. | (1.50) Ohm |
| LINE TO LINE INDUCT. | 2.00 mH |
| RATED TORQUE | 10 oz-in |
| RATED SPEED | 4000 RPM |
| TORQUE CONSTANT | 5 oz-in/A |
| INSULATION CLASS | B |

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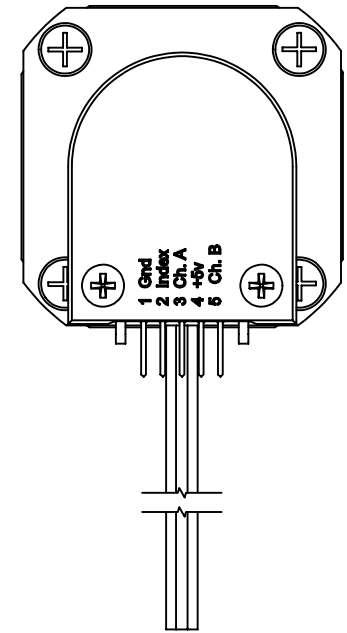
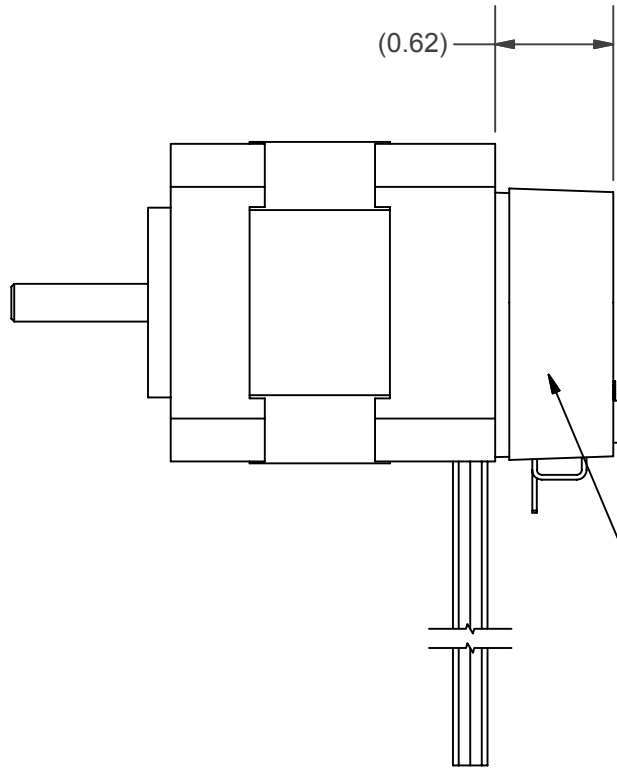
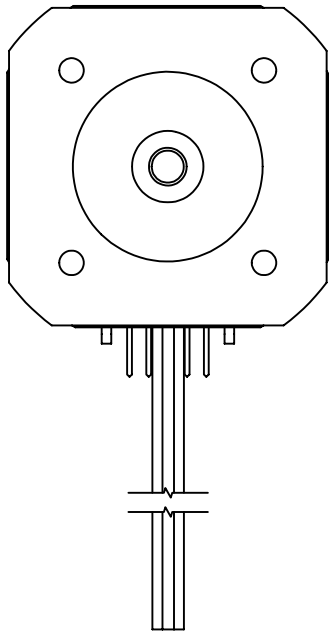
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| APPROVALS | | DATE |
|-----------|----------|----------|
| DRWN: | TONY LEE | 4/7/2011 |
| CHKD: | | APRV: |

QA IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION
THIRD ANGLE PROJECTION

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

| TITLE | | |
|-------------------------------|-----------------------|--------------|
| MOTOR OUTLINE | | |
| MOTOR NUMBER BL17B17-03D-09RO | | |
| MATERIAL 001-07692 | | |
| SIZE A | DRAWING NO. 001-09024 | |
| 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

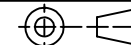
DRWN: TONY LEE

CHKD:

DATE

4/7/2011

THIRD ANGLE PROJECTION



TITLE

MOTOR OUTLINE

MOTOR NUMBER

BL17B17-03D-09RO

MATERIAL

001-07692

SIZE A

DRAWING NO.

001-09024

SCALE

1 : 1

DO NOT SCALE DRAWING

SHEET

2 OF 2