

DWG NO. 001-09024

2 APPLICABLE TO VERSIONS M & P

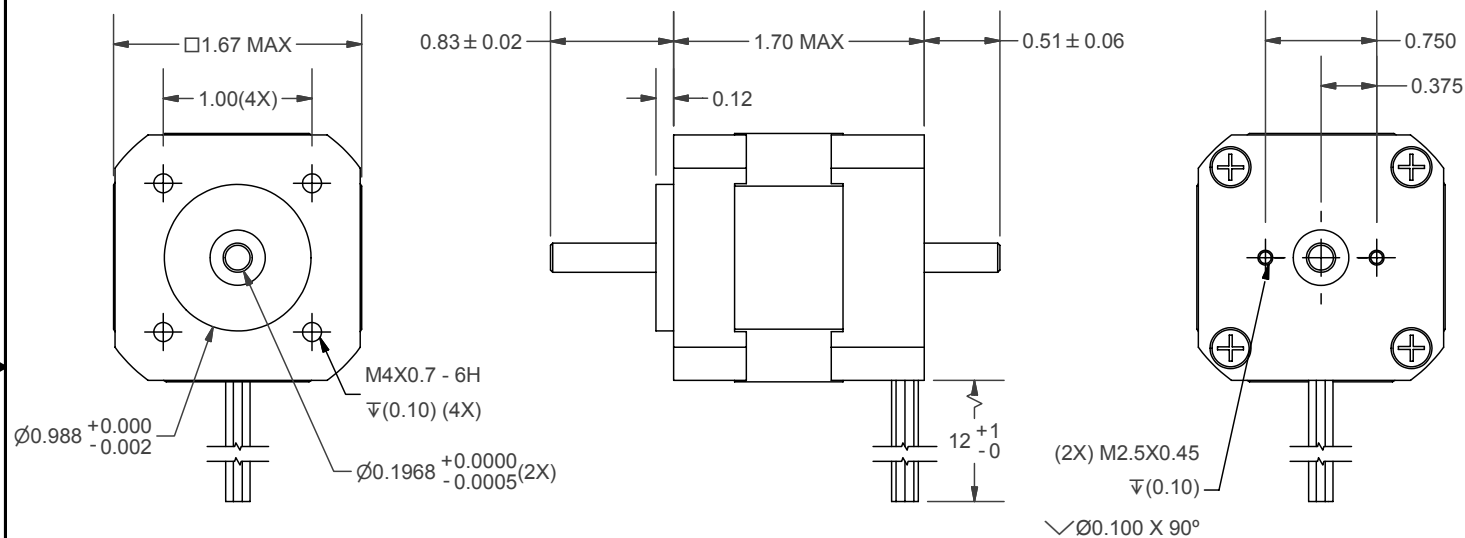
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WIRING DIAGRAM							
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK

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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		Inches	mm								
		.xx ± .01	.x ± 0.25								
		.xxx ± .005	.xx ± 0.13								
.xxxx ± .0005	.xxx ± 0.013										
<p>APPROVALS</p> <p>DRWN: TONY LEE</p> <p>CHKD:</p>	<p>DATE</p> <p>4/7/2011</p> <p>APRV:</p>	<p>MOTOR NUMBER</p> <p><b>BL17B17-03D-09RO</b></p>	<p>MATERIAL</p> <p><b>001-07692</b></p>								
<p>SIZE A</p>		<p>DRAWING NO.</p> <p><b>001-09024</b></p>	<p>SCALE</p> <p>1 : 1</p>								
<p>DO NOT SCALE DRAWING</p>		<p>SHEET</p> <p>1 OF 2</p>	<p>ENG-100-F2 REV F</p>								

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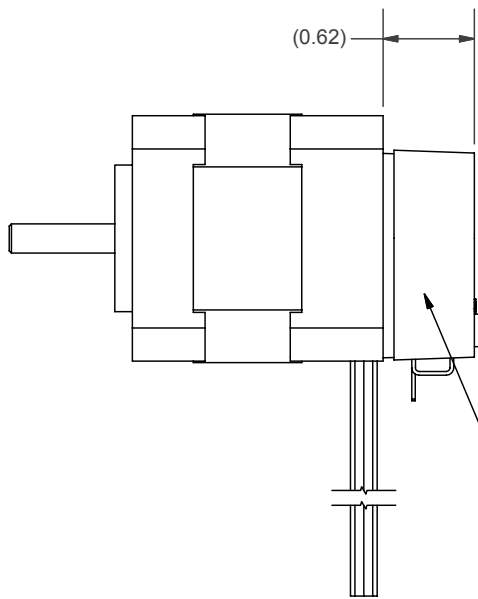
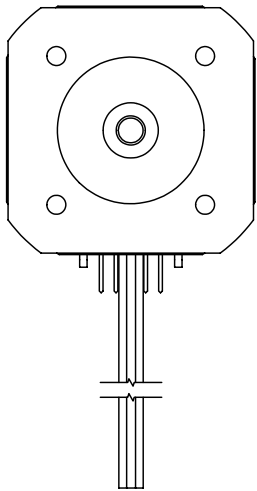
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ENG-100-F2 REV F

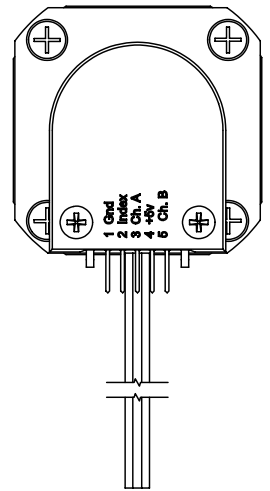
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2 APPLICABLE TO VERSIONS M & P

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**ENCODER**  
 LIN # 061-00138  
 (U.S. DIGITAL #  
 E2 TYPE  
 1000 CPR  
 WITH "I" OPTION)



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 Step Motor Specialists  
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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

APRV:

TITLE

**MOTOR OUTLINE**

MOTOR NUMBER

BL17B17-03D-09RO

MATERIAL

001-07692

SIZE

DRAWING NO.

001-09024

SCALE

1 : 1

DO NOT SCALE

DRAWING

SHEET

2 OF 2

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2

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ENG-100-F2 REV F