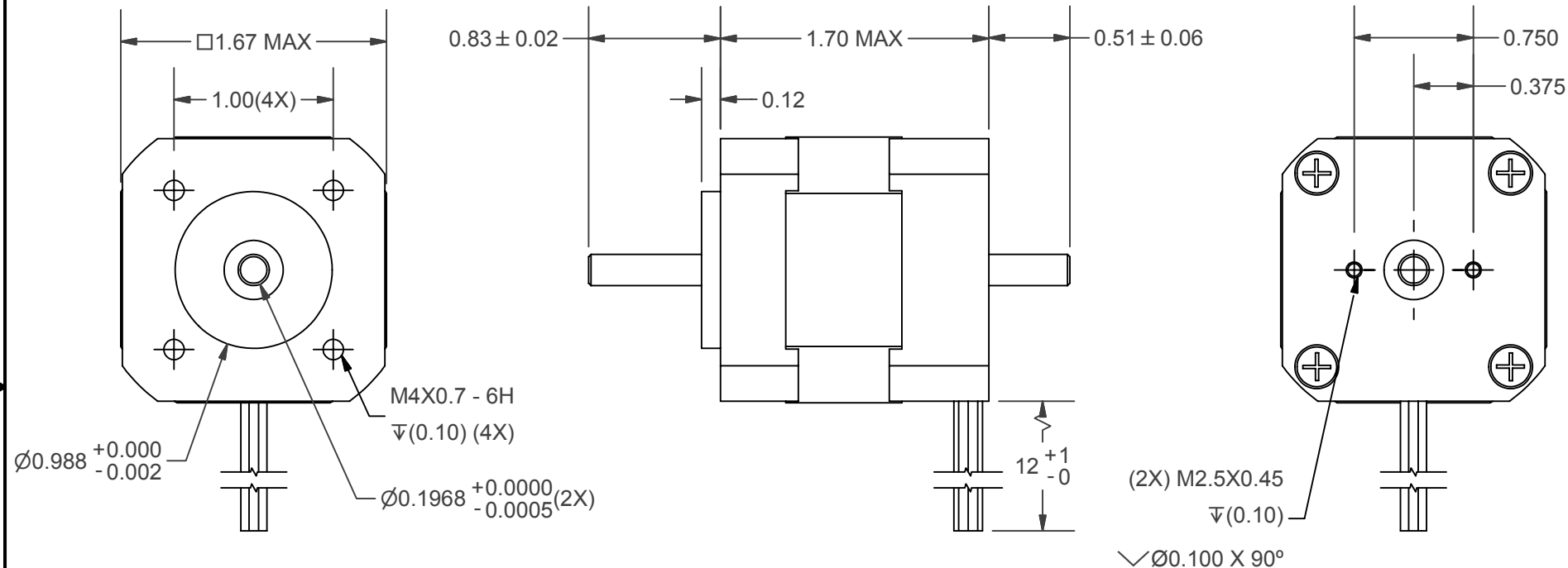


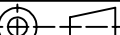
WIRING DIAGRAM							
Hall Vcc	Hall A	Hall B	Hall C	GND	Phase A	Phase B	Phase C
RED/WHT	BLUE	GREEN	WHITE	BLK/WHT	YELLOW	RED	BLACK
UL 1007 / 22 AWG							

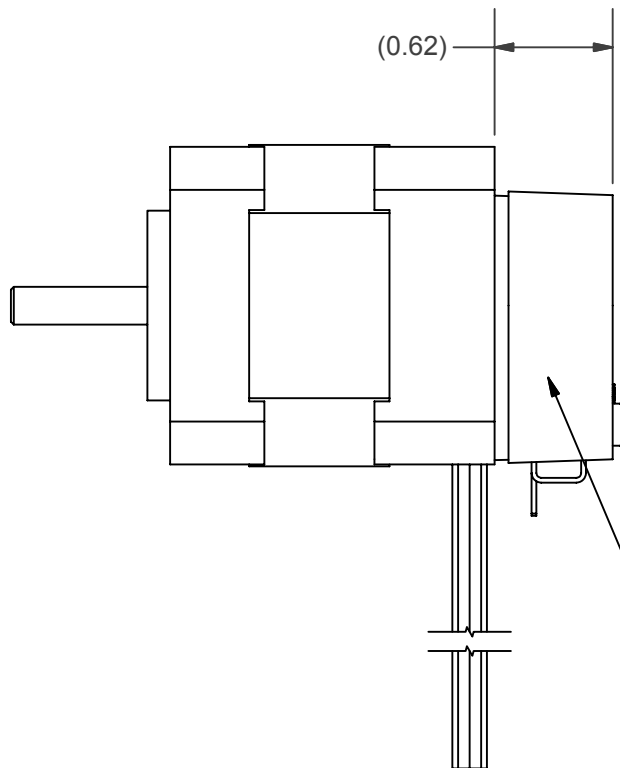
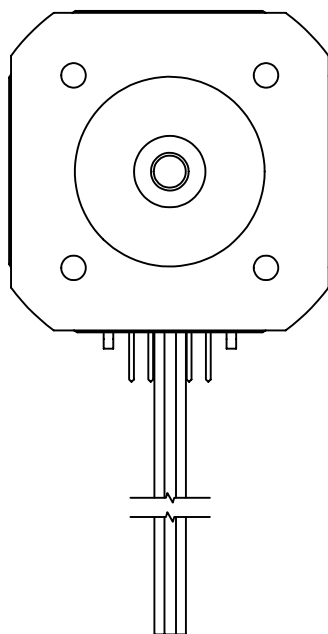
REVISION HISTORY					INIT.
ECN	REV	DATE	DESCRIPTION		
23619	A	04/07/2011	ORIGINAL		TL

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

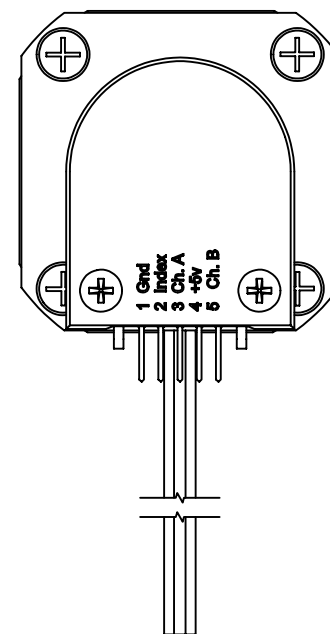


NUMBER OF ROTOR POLES	8
RATED VOLTAGE	24 V
LINE TO LINE RESIST.	(1.50) Ohm
LINE TO LINE INDUCT.	2.00 mH
RATED TORQUE	10 oz-in
RATED SPEED	4000 RPM
TORQUE CONSTANT	5 oz-in/A
INSULATION CLASS	B

 LIN ENGINEERING Step Motor Specialists www.linengineering.com	QA IDENTIFIES FEATURE(S) THAT REQUIRE SPECIAL QUALITY ATTENTION		THIRD ANGLE PROJECTION 		TITLE MOTOR OUTLINE									
	Unless Otherwise Specified Dimensions Are In: Inches [mm] Tolerances Are: Angles ±1° Chamfer ±5° Deburr All Edges 0.005" MAX <table><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	APPROVALS		DATE	
			Inches	mm										
			.xx ± .01	.x ± 0.25										
			.xxx ± .005	.xx ± 0.13										
.xxxx ± .0005	.xxx ± 0.013													
DRWN: TONY LEE		4/7/2011												
CHKD:		APRV:												
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.				MOTOR NUMBER BL17B17-03D-08RO										
				MATERIAL 001-07692										
		SIZE A		DRAWING NO. 001-09022										
		SCALE 1 : 1		DO NOT SCALE DRAWING		SHEET 1 OF 2								



ENCODER
LIN # 061-00037
(U.S. DIGITAL #
E2 TYPE
200 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 $\pm 1^\circ$
Chamfer $\pm 5^\circ$
Deburr All Edges 0.005" MAX

Inches	mm
.xx $\pm .01$	.x ± 0.25
.xxx $\pm .005$	.xx ± 0.13
.xxxx $\pm .0005$	.xxx ± 0.013

APPROVALS

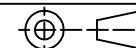
DRWN: TONY LEE

CHKD:

DATE

4/7/2011

APRV:



THIRD ANGLE
PROJECTION

TITLE

MOTOR OUTLINE

MOTOR NUMBER

BL17B17-03D-08RO

MATERIAL

001-07692

SIZE
A

DRAWING NO.

001-09022

SCALE

1 : 1

DO NOT SCALE
DRAWING

SHEET

2 OF 2