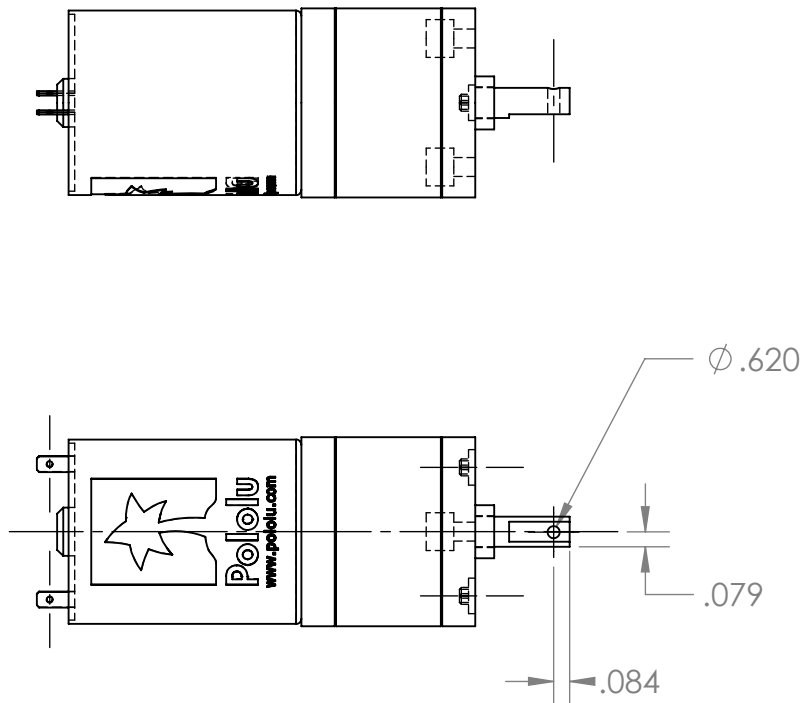


2

1

B

B



A

A

DRAWING & MANUF. PLAN CHECKS:

- PART FULLY DIMENSIONED
- APPROPRIATE DATUM LINES
- TOLERANCES SPECIFIED
- MATERIAL/QUANTITY SPECIFIED
- IF APPLICABLE, REAMER CALLED OUT
- APPROPRIATE TOOL SPEEDS
- APPROPRIATE DRILL/TAP SIZES
- SPECIFIED ALL NECESSARY TOOLS/SIZES NECESSARY
- RAW STOCK CUT OVERSIZED
- STEPS TO GET ALL ALL MACHINED/STOCK SURFACES

REV 1

INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES:

MACHINED ANGULAR: $\pm 1^\circ$
 BENT ANGULAR: $\pm 3^\circ$
 TWO PLACE DECIMAL: ± 0.01
 THREE PLACE DECIMAL: ± 0.005

INTERPRET GEOMETRIC
 TOLERANCES PER: ASME Y14.5-2009

MATERIAL

Aluminum

FINISH

BURR FREE

REVISION BLOCK

DO NOT SCALE DRAWING

DRAWN

NAME DATE

ABIRNB 11/14/21

CHECKED

ABINRB 11/14/21

GSI/IA APPR.

SHOP APPR.

INSPECTED

COMMENTS:
 ONLY DRILLING HOLE IN MOTOR

ME 250 TEAM XX

TITLE:

METAL MOTOR

SIZE

A

DWG. NO.

P103_23

REV

1

SCALE: 1:1

QUANTITY: X

SHEET 1 OF 2

2

1

2

1

MANUFACTURING PLAN

RAW MATERIAL STOCK: 1/2" Aluminum Hex

STEP	PROCESS DESCRIPTION	MACHINE	FIXTURE	TOOL(S)	SPEED (RPM)
1	place flat ends against ends of vice in mill with 1.375" parallels	mill	vice 1.375" parallels		
2	find X Y datums of part of part	mill	vice 1.375" parallels	edge finder will drill chuck	1000
3	Drill center hole	mill	vice 1.375" parallels	centerdrill with drill chuck	700
4	drill .062 hole spring pin	mill	vice 1.375" parallels	1/16" drill bit with drill chuck	700