UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL:
1060 Aluminum Alloy

OTHER HOLE POSITIONS

DRAWN
CHECKED
ENG APPR.
MFG APPR.
Q.A.
COMMENTS:

TITLE:
Back Plate

OTHER HOLE POSITIONS

FINISH

APPLICATION
DO NOT SCALE DRAWING

PROPRIETARY AND CONFIDENTIAL
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Tapped Hole (x2) Size: 8-32

Tapped Hole: 80% Thread (x2) Size: 8-32

Rib

K-State

1060 Aluminum Alloy

Material

Dimensions are in inches
Tolerances:
Fractional: ±
Angular: MACH ± BEND ±
Two Place Decimal ±
Three Place Decimal ±

Interpret geometric tolerancing per:

Unless otherwise specified:

Dimensions are in inches
Tolerances:
Fractional ±
Angular: MACH ± BEND ±
Two Place Decimal ±
Three Place Decimal ±

Interpret geometric tolerancing per:

Material: 1060 Aluminum Alloy

Finish

Comments:

Q.A.

MFG APPR.

ENG APPR.

CHECKED

DRAWN

K-State

Rib

A

UNLESS OTHERWISE SPECIFIED:

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

K-State

Rib

A

UNLESS OTHERWISE SPECIFIED:

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

K-State

Rib

A

UNLESS OTHERWISE SPECIFIED:

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

K-State

Rib

A

UNLESS OTHERWISE SPECIFIED:

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

K-State

Rib

A

UNLESS OTHERWISE SPECIFIED:

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:
Tapped Hole
Size: 10-32

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL:
ANGULAR: MACH BEND:
TWO PLACE DECIMAL:
THREE PLACE DECIMAL:
INTERPRET GEOMETRIC
TOLERANCING PER:
MATERIAL:
1060 Aluminum Alloy
FINISH

K-State

L Support (Inertia)

A

SCALE: 1:1 WEIGHT: SHEET 9 OF 19
Shaft

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL:
ANGULAR: MACH BEND:
TWO PLACE DECIMAL:
THREE PLACE DECIMAL:
INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL:

6061 Aluminum Alloy

K-State

REV

SCALE: 2:1
WEIGHT:
SHEET 11 OF 19

_NAME_ DATE
DRAWN
CHECKED
ENG APPR.
MFG APPR.
Q.A.
COMMENTS:

Shaft

PROPRIETARY AND CONFIDENTIAL
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Interference Fit/Press Fit
Shaft: 0.25" Diameter

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL
6061 Aluminum Alloy

UNLESS OTHERWISE SPECIFIED:

DRAWN
CHECKED
ENG APPR.
MFG APPR.
Q.A.
COMMENTS:

K-State

Disk

SCALE: 1:1
WEIGHT:
SHEET 12 OF 19
Interference Fit/Press Fit
Shaft: 0.25" Diameter
K-State

Bottom Plate

Bottom Plate

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Dimensions are in inches.
Tolerances:
Fractional: ±
Angular: MACH ± BEND ±
Two Place Decimal: ±
Three Place Decimal: ±

Interpret geometric tolerancing per:

Material:
E-Glass Fiber

Finish:

Unless otherwise specified:

Name Date
Drawn Checked Eng Appr.
MFG Appr. Q.A.

Comments:

Size Dwg. No. Rev
A

Scale: 1:2 Weight:

Sheet 14 of 19

5 4 3 2 1
Tapped Hole
Size: 6-32

K-State

Side Plate

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL
E-Glass Fiber

FINISH

NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING

DRAWN
CHECKED
ENG APPR.
MFG APPR.
Q.A.
COMMENTS:

PROPRIETARY AND CONFIDENTIAL
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SCALE: 1:2
WEIGHT:

SHEET 15 OF 19
**Title:** Plexiglass Angle

**Material:** Acrylic (Medium-high)

**Dimensions:**
- Width: 4.750 inches
- Height: 1.500 inches
- Thickness: 0.175 inches
- Angles: 1.150 inches
- Holes: 0.125 inches
- Radii: 1.400 inches
- R.100

**Tolerances:**
- Fractional
- Angular: MACH, BEND
- Two Place Decimal
- Three Place Decimal

**Interpret Geometric Tolerancing Per:**

**Finish:**

**Comments:**

**Scale:** 1:2

**Weight:**

**Drawing Information:**
- Name: K-State
- Sheet: 18 of 19
- Size: A
- DWG. No.: A
- Rev: 1

**Notes:**
- Do not scale drawing
- Unless otherwise specified, dimensions are in inches.