**Title:** Base Cross Beam

**Material:** ABS Plastic

**Tolerances:**
- $0.02$
- $0.002$

**Dimensions:**
- 4x $0.313 \leq 0.940$
- 3/8-16 UNC $\leq 0.750$

**Comments:**
- Base Cross Beam
- ABS Base Piece
- 1/2

**Scale:** 1:2

**Drawing Information:**
- DRAWN: DAP 11/23
- CHECKED: DAP 11/24
- ENG APPR: DAP 11/24
- MFG APPR: DAP 11/24
- Q.A.: DAP 11/24

**Sheet:** 1 of 14

**Notes:**
- Dimensions are in inches
- Tolerances: $x.xx$
- Tolerances: $x.xxx$
DIMENSIONS ARE IN INCHES
TOLERANCES:

DIMENSION  0.02
X.xxx  0.002

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL FINISH

Lexan

DRAWN
CHECKED
ENG APPR.
MFG APPR.
G.A.

COMMENTS:

DATENAME: P10023
TITLE: Left Sidewall of Base

UNLESS OTHERWISE SPECIFIED:

SCALE: 1:4

DRAWN NAME DATE
DAP 11/23/09

SIZE DWG. NO. REV
B FrameDrawingPackage A

DO NOT SCALE DRAWING

Sheet 2 of 14
DIMENSIONS ARE IN INCHES
TOLERANCES:
0.02
0.002

INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
LEXAN

DO NOT SCALE DRAWING
Total length = 11.270in

#6-32 Tapped Hole

DIMENSIONS ARE IN INCHES
TOLERANCES:
\( \pm 0.02 \)
\( \pm 0.002 \)

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL

FINISH

Aluminum 6063

DRAWN

CHECKED

ENG. APPRO

MFG. APPRO

Q.A.

COMMENTS:

10 Main Ribs

UNLESS OTHERWISE SPECIFIED:

DO NOT SCALE DRAWING

P10023

Ribs

FrameDrawingPackage

10 Main Ribs

DATENAME

P10023

TITLE:

SIZE

REV

DWG. NO.

SHEET 5 OF 14

SCALE: 1:2
DIMENSIONS ARE IN INCHES
TOLERANCES:
0.02
0.002
INTERPRET GEOMETRIC TOLERANCING PER:
Aluminum 6063
DAP 11/30/09
Bottom Rib 1
Sheet 6 of 14
DO NOT SCALE DRAWING
Bottom Rib 3

Dimensions are in inches.

Tolerances:
- X.x.x ± 0.02
- X..x ± 0.002

Interpret geometric tolerancing per:
- Aluminum 6063

Material Finish:
- Aluminum 6063

Drawn: 11/30/09

Title: Bottom Rib 3

Sheet 8 of 14

Scale: 1:2

Frame Drawing Package

Do not scale drawing

Comments:
DIMENSIONS ARE IN INCHES
TOLERANCES:
x.xx ±0.02
x.xxx ±0.002

INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH
Aluminum 6063

DO NOT SCALE DRAWING
DIMENSIONS ARE IN INCHES
TOLERANCES:

x.xx 0.02
x.xxx 0.002

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL

Aluminum 6063

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

DATE: 11/30/09

Brass Plates

P10023

SIZE

DWG. NO.

REV

SCALE: 1:1

SHEET 12 OF 14

DO NOT SCALE DRAWING

20X Ø .188 THRU ALL

6.000

2.000