DRAWN M. C. FLEMING  2005-05-12
CHECKED M. C. FLEMING  2005-05-12

MATERIAL ALUMINUM, 6061

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE INCHES & DEGREES

TOLERANCES:

<table>
<thead>
<tr>
<th>WHOLE &amp; FRACTION</th>
<th>LINEAR</th>
<th>ANGLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decimal X</td>
<td>± 0.01</td>
<td>± 0.01</td>
</tr>
<tr>
<td>Decimal X.X</td>
<td>± 0.005</td>
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</table>

BREAK SHARP EDGES 0.010 RAD  ± 0.003
MACHINED SURFACE FINISH = 125 MICROINCH

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Dimensions are in inches & degrees

Tolerances:

Whole & Fraction

Decimal X

Decimal X.X

± 0.01

± 0.005

± 0.010

± 0.003

Machine Finish = 125 Microinches

Break Sharp Edges 0.010 Rad ± 0.003

Material: Aluminum, 6061

Scale: DECIMAL X.XX

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Field Dimensions:

- 3.00
- 1.750
- 0.63
- 1.00
- 0.50

Details:

- Ø 0.201 Drill Thru
- Ø 0.221 x 45° Chamfer
- Both Sides, 2 Places

CARMA 6m Base, Door Hinge Spacer

University of California - Berkeley
Tel: 510-642-5275  Fax: 510-642-3411

RADIO ASTRONOMY LAB

REV DESCRIPTION ZONE NAME DATE
A RELEASED M.C.F. 2005-05-12

UNIVERSITY OF CALIFORNIA

2005-05-12 M.C.F.

1 1/2" .782
.41
2 7/8" 2.063
.36
.201 DRILL THRU
.211 X 45° CHAMFER
BOTH SIDES, 4 PLACES

Ø .201 DRILL THRU
Ø 211 X 45° CHAMFER
BOTH SIDES, 4 PLACES

CARMA 6m Base,
Door Latch Spacer

MACHINED SURF FINISH < 125 MICROINCH

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE INCHES & DEGREES
TOLERANCES:
WHOLE & FRACTION (1/32)
DECIMAL .01
DECIMAL .005
ANGULAR (°)
± .01°
± .01°
± .001°

MATERIAL: ALUMINUM, 6061
FINISH: BREAK SHARP EDGES 0.010 RAD ± 0.003
MACHINED SURF FINISH = 125 MICROINCH

WEIGHT:

SCALE:

REV
DESCRIPTION
ZONE
NAME
DATE
A
RELEASED
M.C.F. 2005-05-12

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RADIO ASTRONOMY LAB
University of California - Berkeley
Tel: 510-642-5275 Fax: 510-642-3411
1 3/4"

MACHINED SURF FINISH < 125 MICROINCH

DIMENSIONS ARE INCHES & DEGREES

TOLERANCES:
WHOLE & FRACTION
DECIMAL X.X
DECIMAL X.XX
DECIMAL X.XXX

BREAK SHARP EDGES 0.010 RAD
MACHINED SURF FINISH = 125 MICROINCH

UNLESS OTHERWISE SPECIFIED

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4 SPRINGS USED, 1 1/2" LENGTH, 0.328" SOLID HEIGHT (COMPRESSED)
SECTION A-A
SCALE 3 : 1

Φ 1/2" OR CLEAN UP

Φ 0.499 ± 0.001 REAM OK

0.010 X 45° CHAMFER, 2 PLACES

0.030 X 45° CHAMFER, 2 PLACES

38

CARMA 6m Base, Door, Push Rod End

RADIO ASTRONOMY LAB
University of California - Berkeley
Tel: 510-642-5275    Fax: 510-642-3411

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE INCHES & DEGREES

TOLERANCES:

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<tbody>
<tr>
<td>WHOLE</td>
<td>± 1/32</td>
<td>± 1°</td>
</tr>
<tr>
<td>DECIMAL XX</td>
<td>± 0.1</td>
<td>± 0.1°</td>
</tr>
<tr>
<td>DECIMAL XXX</td>
<td>± 0.01</td>
<td>± 0.01°</td>
</tr>
<tr>
<td>DECIMAL XXXX</td>
<td>± 0.005</td>
<td>± 0.001°</td>
</tr>
</tbody>
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BREAK SHARP EDGES 0.010 RAD + 0.003
MACHINED SURF FINISH - 125 MICROINCH

MATERIAL: STAINLESS ROD, 304
1500 DIA

FINISH: MACHINED

WEIGHT: 1.500 DIA

SCALE: 3 : 1

REV. DESCRIPTION ZONE NAME DATE
A RELEASED M.C.F. 2005-06-16

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