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DWG NO. C903021 SH 1

1

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS AND TOLERANCE IAW ASME Y14.5M-1994

2. MATERIAL: SEE SEPARATE PARTS LIST.

3. PART TO BE MANUFACTURED USING THIS DRAWING AND SPECIFIED CAD/CAM DATA FILE. PART IS MODELED AT NOMINAL SIZE.

4. ALL FEATURE SIZES, TOLERANCES AND LOCATIONS SHALL BE IAW THIS DRAWING AND THE CAD/CAM DATA FILE. DIMENSIONAL VALUES OF GEOMETRY DERIVED FROM THE CAD/CAM DATA FILE REPRESENT A BASIC DIMENSION UPON WHICH A TOLERANCE IS APPLIED. UNLESS OTHERWISE SPECIFIED ON THE DRAWING, THE FOLLOWING TOLERANCES SHALL APPLY:

A) THE PROFILE TOLERANCE FOR ALL UNSPECIFIED SURFACES TO BE:

.010ABC

B) POSITIONAL TOLERANCE OF ALL UNSPECIFIED HOLES AND COUNTERSINKS TO BE:

.010MABC

5. ALL DISPLAYED DIMENSIONS ARE CRITICAL TO FUNCTION.

6. DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING TAKE PRECEDENCE OVER SUPPLIED CAD/CAM DATA FILE.

7. INSPECTION REQUIREMENTS

A) USE THIS DRAWING AND APPLICABLE CAD/CAM DATA FILE TO INSPECT PART.

B) MINIMUM INSPECTION REQUIREMENTS

1) ALL DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING

2) QUALITY OF FINISH IAW APPLICABLE FINISH SPECIFICATION

C) INSPECTION CONDITION: PART MAY BE CONSTRAINED ALONG DATUM A

8. IDENTIFICATION OF THE APPROVED SOURCE(S) OF SUPPLY IS NOT BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THIS DRAWING.

9. MARK PART NUMBER IAW MIL-STD-130 USING INK FIND NO. 601 WITH .12 HIGH CHARACTERS. LOCATE APPROXIMATELY WHERE SHOWN.

10. FINISH: CHEMICAL CONVERSION COAT FILM IAW MIL-C-5541, CLASS 3.

11. ABBREVIATIONS NOT IAW ASME Y14.38:

INPA - INTERROGATOR POWER AMPLIFIER

APPROVED SOURCE(S) OF SUPPLY

8

CAD/CAM DATA FILE

PART NUMBER

NATIVE CAD FILE

VENDOR

C903021-L-.IGS
C903021-L-.STP

C903021-1

C903021.A.BDL

PROCURE ONLY FROM MBPD APPROVED SUPPLIER LIST

UNSPECIFIED FEATURE CONTROL

FILLET RADIUS

R .005 MAX

MODELED AS SHARP

CHAMFERS AND COUNTERSINK INCLUDED ANGLES

± 1°

MODELED AT NOMINAL

HOLE TOLERANCES

PER DRAWING TITLE BLOCK

MODELED AT NOMINAL

BREAK SHARP EDGES

.005 MAX

MODELED AS SHARP

ED

MC

REVISIONS

REV

DESCRIPTION

DATE

APPROVED

A

SEE ECO

JA

07-10-30

2

REL

RW 071031

UNCONTROLLED COPY

USER MUST VERIFY CURRENT REVISION PRIOR TO USE

CRITICAL TO FUNCTION DRAWING

ONLY CRITICAL FEATURES ARE DEFINED ON THIS DRAWING. THIS SIMPLIFIED DRAWING AND APPLICABLE CAD/CAM DATA FILE MUST BE USED FOR COMPLETE PART DEFINITION AND FINAL ACCEPTANCE.

SEE SEPARATE PARTS LIST

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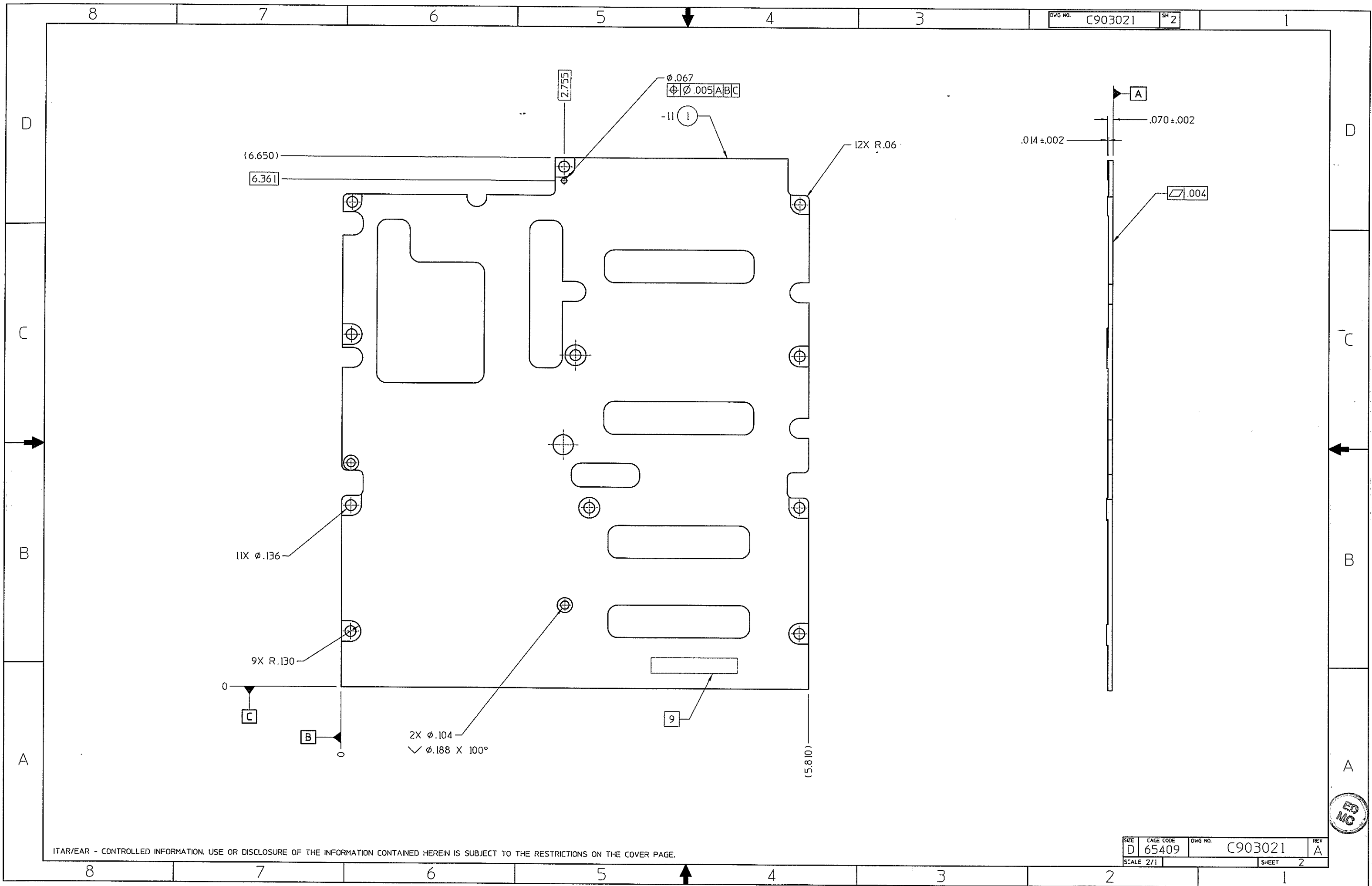
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| QTY REQD PER ASSY | CAGE CODE | PART OR IDENTIFYING NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPEC | REF DES | FIND NO. |
|---|-----------|-------------------------|-----------------------------|-------------------------------|------|---------|----------|
| PARTS LIST | | | | | | | |
| UNLESS OTHERWISE SPECIFIED | | | | DO NOT SCALE DRAWING | | | |
| 1. DIMENSIONS ARE IN INCHES. 63 | | | | CONTRACT NO. N00019-02-C-3002 | | | |
| 2. SURFACE TEXTURE SHALL BE | | | | ORD P. MARTINEZ 05-06 | | | |
| 3. DIMENSIONS APPLY AFTER PLATING OR CONVERSION COATING | | | | CHECKER T. TAPP 06-01-08 | | | |
| 4. REMOVE BURRS AND SHARP EDGES. | | | | RDE ENG T. TRIEU 06-01-09 | | | |
| 5. PARENTHEICAL DATA IS FOR REFERENCE ONLY. | | | | PFG V. LE 06-01-09 | | | |
| 6. ALL SHEETS ARE THE SAME REVISION STATUS. | | | | DA R. STONE 06-01-09 | | | |
| TOLERANCES | | | | PCHO PT M. UYEDA 06-01-09 | | | |
| ON ALL HOLE DIAMETERS | | | | EDMC R. WELLS 06-01-09 | | | |
| UNDER .010 | | | | THIRD ANGLE PROJECTION | | | |
| .010 THRU .125 | | | | SIZE D | | | |
| .126 THRU .250 | | | | CAGE CODE 65409 | | | |
| .251 THRU .500 | | | | DWG NO. C903021 | | | |
| ON DECIMAL DIMENSIONS | | | | REV A | | | |
| .XXX ± .010 | | | | SCALE 2/1 | | | |
| .XX ± .03 | | | | SHEET 1 OF 2 | | | |
| X ± .1 | | | | | | | |
| ON ANGULAR DIMENSIONS | | | | | | | |
| MACHINED LOCATING ± 0° 30' | | | | | | | |
| FORMED ± 0° 30' | | | | | | | |
| CHAMFERS ± 5° | | | | | | | |
| HEAT TREAT | | | | | | | |
| FINISH 10 | | | | | | | |
| APPLICATION | | | | | | | |
| USED ON | | | | | | | |
| QTY NO. | | | | | | | |
| NEXT ASSY | | | | | | | |



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| | | | |
|-----------|-----------|---------|-----|
| SIZE | CAGE CODE | DWG NO. | REV |
| D | 65409 | C903021 | A |
| SCALE 2/1 | | SHEET 2 | |

