

8

7

6

5

4

3

2

1

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS AND TOLERANCES IAW ASME Y14.5M - 2009.

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. PROFILE TOLERANCE FOR ALL UNSPECIFIED SURFACES TO BE:

.010

A

B

C

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.

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

9 FINISH: PASSIVATE IAW SAE AMS-QQ-P-35, TYPE II.

10. IDENTIFY WITH PART NUMBER IAW MIL-STD-130, BAG AND TAG.

11. ABBREVIATIONS NOT IAW ASME Y14.38:

MBPD: MODEL BASED PRODUCT DEFINITION

LBPA: L-BAND POWER AMPLIFIER

APPROVED SOURCE(S) OF SUPPLY

8

CAD/CAM DATA FILE

PART NUMBER

NATIVE CAD FILE

VENDOR

C906007-1_-.IGS

C906007-1_-.STP

C906007-1

PROCURE ONLY FROM SUPPLIER WITH SAP QMSV, G OR BETTER

UNSPECIFIED FEATURE CONTROL

FILLET RADII

R .005 MAX

MODELED AS SHARP

BREAK SHARP EDGES

.005 MAX

MODELED AS SHARP

HOLE TOLERANCES

PER DRAWING TITLE BLOCK

MODELED AS NOMINAL

CHAMFERS AND C'SINK INCLUDED ANGLES

±1°

MODELED AS NOMINAL

FOR REFERENCE ONLY

SCALE NONE

SEE SEPARATE PARTS LIST

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.

WARNING - ITAR/EAR - CONTROLLED INFORMATION. DO NOT EXPORT OR RELEASE TO THE PUBLIC WITHOUT UNITED STATES GOVERNMENT APPROVAL.

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REVISIONS

REV

DESCRIPTION

DATE

APPROVED

A

SEE ECO

CJC

13-03-28

ON FILE

6

REL

63

63

9

QTY

REQD

PER ASSY

CAGE CODE

PART OR IDENTIFYING NO.

NOMENCLATURE OR DESCRIPTION

MATERIAL

SPEC

REF DES

FIND NO

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

CONTRACT NO.

15120 INNOVATION DRIVE, SAN DIEGO, CA 92128

PLATE, OFFSET - 180 PIN CONNECTOR - LBPA

SIZE

CAGE CODE

DWG NO

REV

SCALE

4 / 1

SHEET 1 OF 2

1. DIMENSIONS ARE IN INCHES.

2. SURFACE TEXTURE SHALL BE

3. DIMENSIONS APPLY AFTER PLATING OR CONVERSION COATING.

4. REMOVE BURRS AND SHARP EDGES.

5. PARENTHETICAL DATA IS FOR REFERENCE ONLY.

6. ALL SHEETS ARE THE SAME REVISION STATUS.

ON ALL HOLE DIAMETERS

ON DECIMAL DIMENSIONS:

ON ANGULAR DIMENSIONS:

FINISH

HEAT TREAT

THIRD ANGLE PROJECTION

UNDER

.0140

+ .0020

- .0005

.501 THRU .750

+ .008

- .001

.014 THRU .125

+ .004

- .001

.751 THRU 1.000

+ .010

- .001

.126 THRU .250

+ .005

- .001

1.001 THRU 2.000

+ .012

- .001

.251 THRU .500

+ .008

- .001

MACHINED

±0°30'

LOCATING

±0°30'

FORMED

±2°

CHAMFERS

±5°

ORIG

D. RUMBOLO

07-05-14

CHECKER

RDE

MFG

QA

PCMO

EDMC

THIRD ANGLE PROJECTION

908242

9

CM/R

8

7

6

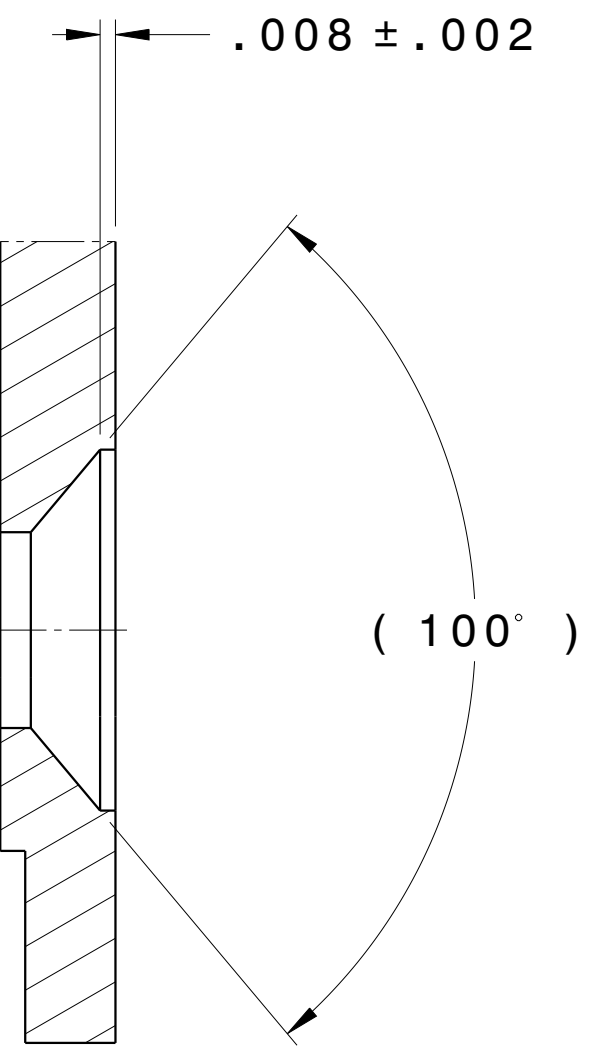
5

4

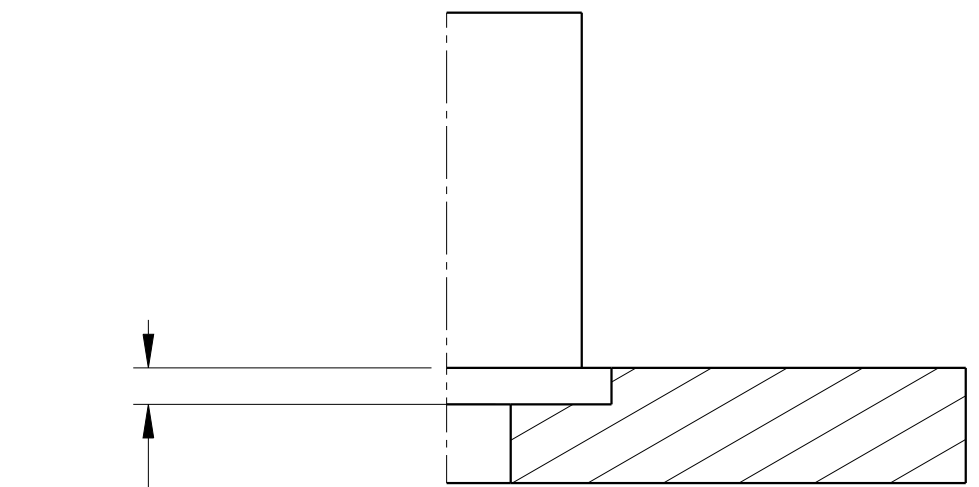
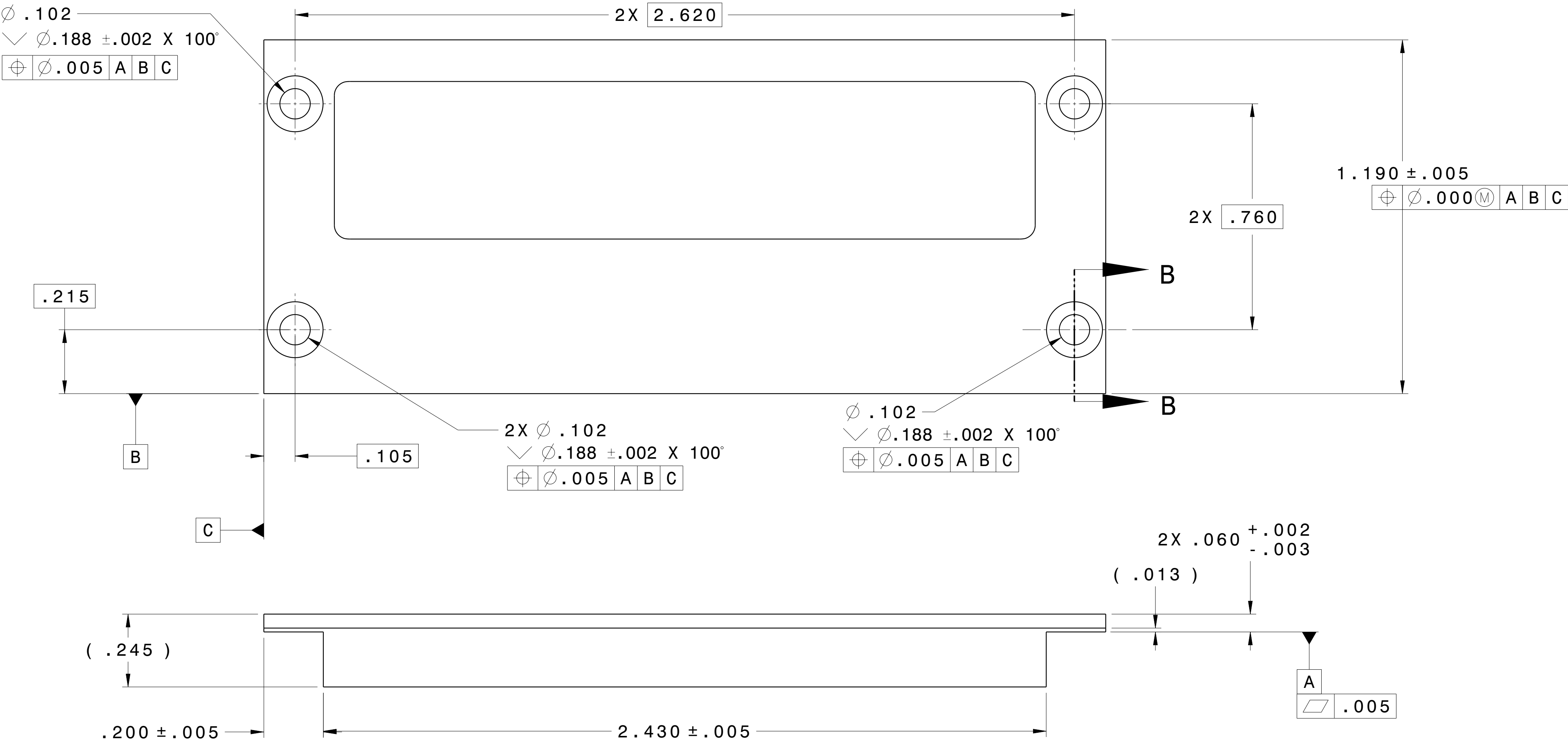
3

2

1



SECTION B-B
SCALE 10/1



SECTION A-A
SCALE 10/1

