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NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2013.

2. DELETED.

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

B. POSITIONAL TOLERANCE FOR ALL UNSPECIFIED HOLES AND COUNTERSINKS TO BE:

.010

M

A

B

C

5. ALL DISPLAYED DIMENSIONS ARE CRITICAL TO FUNCTION. FEATURE CONTROL FRAMES THAT ARE DISPLAYED WITHOUT ASSOCIATED DISPLAYED DIMENSIONS ARE NOT 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.

3. ALL TAPPED HOLES SHALL BE GAUGED PRIOR TO INSERT INSTALLATION.

4. AFTER FINISH, ALL BLIND TAPPED HOLES SHALL BE INSPECTED FOR DEBRIS.

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: CHEMICAL CONVERSION COAT IAW MIL-DTL-5541, TYPE I, CLASS 3, COLOR YELLOW PREFERRED BUT NOT A BASIS FOR REJECTION.

10

FINISH ON INDICATED SURFACES: CHEMICAL AGENT RESISTANT COATING (CARC) SYSTEM APPLICATION IAW MIL-DTL-53072.

A. APPLY EPOXY PRIMER, MIL-DTL-53022, TYPE IV, FIND NO. 605.

B. APPLY POLYURETHANE PAINT MIL-DTL-53039, TYPE III OR MIL-DTL-64159, TYPE II, FIND NO. 606, TAN 686A COLOR NUMBER 33446 PER FED-STD-595.

C. ALL HOLES, CUTOUTS, COUNTERBORES, COUNTERSINKS AND THREADS SHALL BE FREE OF PRIMER AND PAINT.

11

MEDIUM PRESS FIT, WET INSTALL USING SEALANT IAW MIL-PRF-81733, TYPE I-1/2, CLASS 1, GRADE A.

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APPROVED SOURCE(S) OF SUPPLY

8

CAD/CAM DATA FILE	PART NUMBER	NATIVE CAD FILE	VENDOR
DC305219-1_2.IGS DC305219-1_2.STP	DC305219-1	DC305219_2.ZIP	PROCURE ONLY FROM SUPPLIER WITH SAP QMVS, 2 OR BETTER

UNSPECIFIED FEATURE CONTROL

FILLET RADII	R.010 ±.005	MODELED AS SHARP
BREAK SHARP EDGES	.005 - .015	MODELED AS SHARP
HOLE TOLERANCES	PER DRAWING TITLE BLOCK	MODELED AT NOMINAL
DEPTH OF BLIND HOLES AND C'BORES	±.010	MODELED AT NOMINAL
THREADED HOLES	CLASS 3B THREAD	MODELED AT MAJOR DIA

12

INSERTS SHALL BE INSTALLED AFTER FINISH IAW NASM33537.

13

MARK PART IAW MIL-STD-130 USING INK, FIND NO. 601, WITH THE FOLLOWING INFORMATION. CHARACTER HEIGHT SHALL BE .08 MINIMUM. LOCATE APPROXIMATELY WHERE SHOWN:

65409-DC305219-X

MFR-XXXX

14

INDICATED MARKINGS SHALL USE WHITE INK, FIND NO. 602, ON A BLACK BACKGROUND, FIND NO. 601. TEXT SHALL BE FUTURA DEMIBOLD, CHARACTER HEIGHT .125. USE DATA FILE, DC305219-1VER1.DXF, FIND NO. 802, TO CREATE SILKSCREEN.

15. BLIND HOLES SHALL NOT BREAK THROUGH.

16

INTERFERENCE FIT IAW ASME B4.1-2004, CLASS LN1. PIN PROTRUSION IAW CAD MODEL.

17. ABBREVIATIONS NOT IAW ASME Y14.38:
QMSV = QUALITY MANAGEMENT SYSTEM VALUE
SAP = SYSTEM APPLICATION AND PRODUCTS
TXM = TRANSMITTER MODULE

18

ENTRY/EXIT OF DOVETAIL CUTTER SHALL BE THE SAME FEATURE. ENTRY SHALL CENTER ON GROOVE

DWG NO

DC305219

SH

1

REV

DESCRIPTION

DATE

APPROVED

1

ENGINEERING DEVELOPMENT

20170809

ON FILE

2

DECREASED HEIGHT OF THERMAL PAD BOSSES, ADDED SECTION F-F AND ±.003 TOLERANCE TO PAD HEIGHT CAH

ON FILE

PROTOTYPE RELEASE ONLY
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

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 CONTRACT NO.			<div><div><div><div></div><div></div></div><div>15120 INNOVATION DRIVE, SAN DIEGO, CA 92128</div><div>HOUSING ASSEMBLY - TXM</div></div></div>				
1. DIMENSIONS ARE IN INCHES. 125/				TOLERANCES							
2. SURFACE TEXTURE SHALL BE				ON ALL HOLE DIAMETERS							
3. DIMENSIONS APPLY AFTER PLATING OR CONVERSION COATING.											
4. REMOVE BURRS AND SHARP EDGES.				UNDER	.0140	+ .0020 - .0005	.501 THRU .750	+ .008 - .001	ORIG	R. WALKER	20170809
5. PARENTHEetical DATA IS FOR REFERENCE ONLY.				.014 THRU .125	+ .004 - .001	.751 THRU 1.000	+ .010 - .001	CHECKER			
6. ALL SHEETS ARE THE SAME REVISION STATUS.				.126 THRU .250	+ .005 - .001	1.001 THRU 2.000	+ .012 - .001	RDE			
				.251 THRU .500	+ .008 - .001			MFG			
				ON DECIMAL DIMENSIONS:		ON ANGULAR DIMENSIONS:		QA			
				.XXX ± .010	MACHINED ±0°30'		PCMO				
				.XX ± .03	LOCATING ±0°30'		EDMC				
				.X ± .1	FORMED ±2°						
				HEAT TREAT							
F340				R305200	FINISH		9	10	THIRD ANGLE PROJECTION		
USED ON				CI NO.	NEXT ASSY	APPLICATION		SCALE		NONE	SHEET 1 OF 4

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DWG NO
DC305219SH
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NORTHROP GRUMMAN PROPRIETARY LEVEL I

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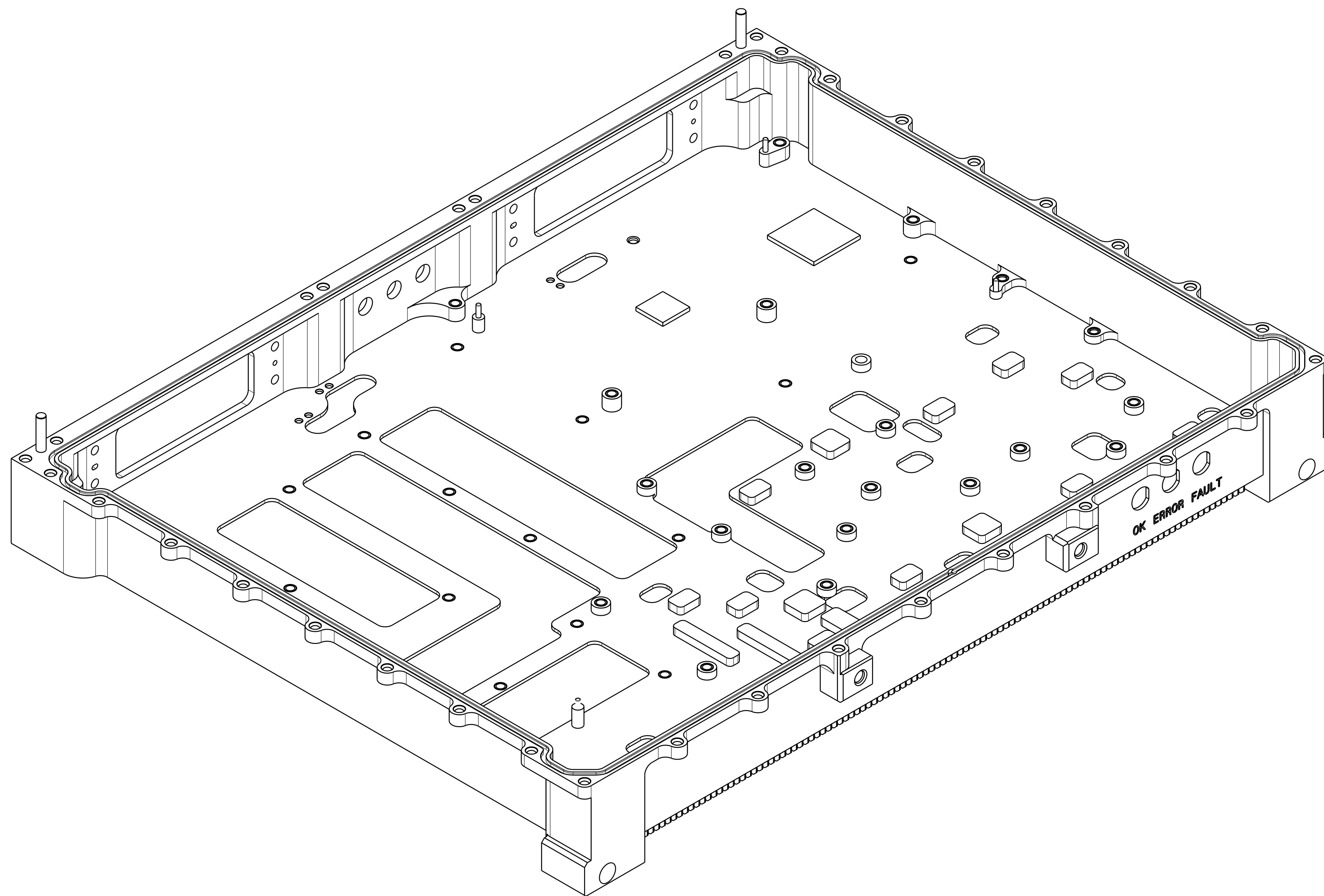
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**- 1 ASSY**

SHOWN FOR REFERENCE ONLY

ITAR/EAR - CONTROLLED INFORMATION. USE OR DISCLOSURE OF THE INFORMATION CONTAINED
HEREIN IS SUBJECT TO THE RESTRICTIONS ON SHEET 1.

NORTHROP GRUMMAN PROPRIETARY LEVEL I

SIZE	CAGE CODE	DWG NO	REV
D	65409	DC305219	2
SCALE 1 / 1		SHEET 2	

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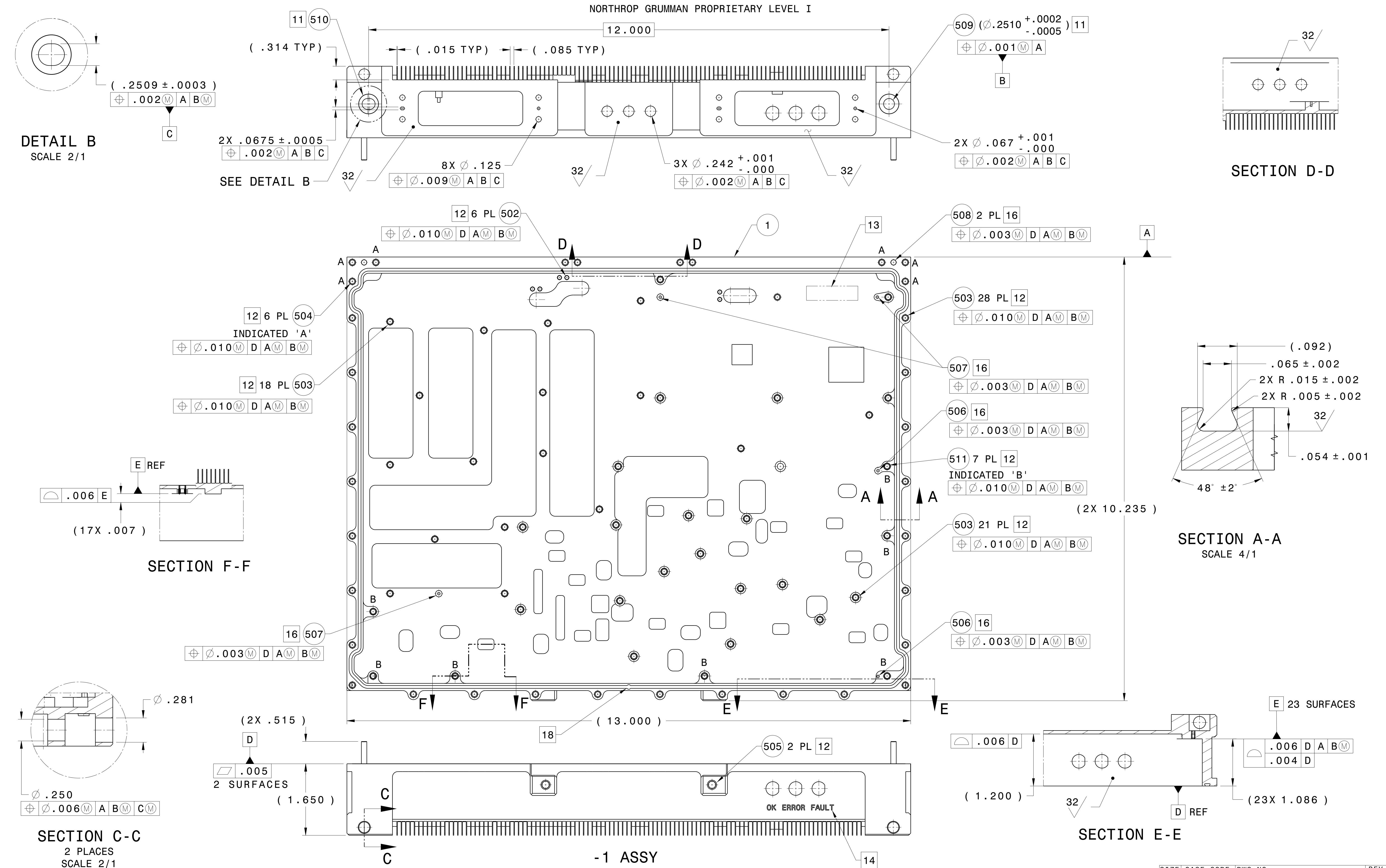
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DWG NO DC305219

SH 4

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NORTHROP GRUMMAN PROPRIETARY LEVEL I

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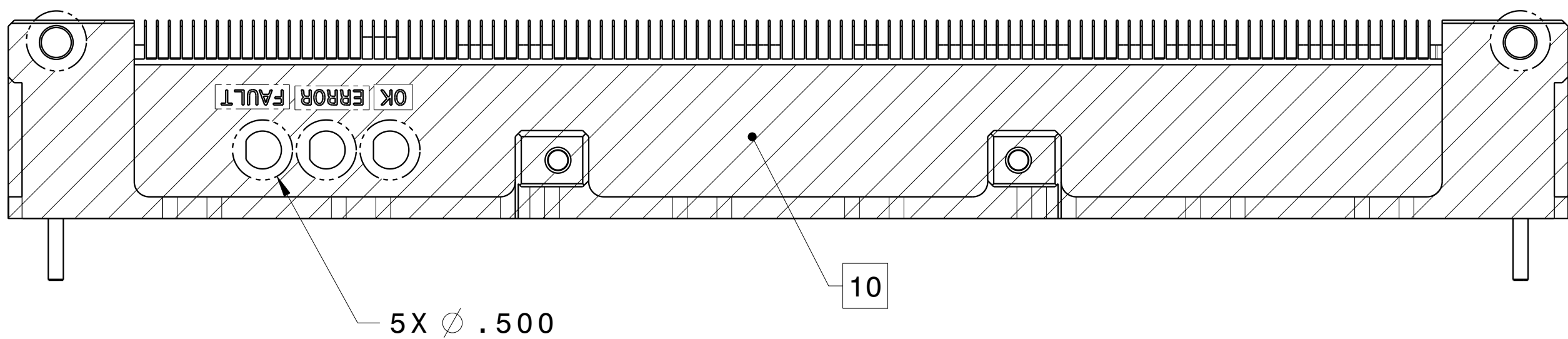
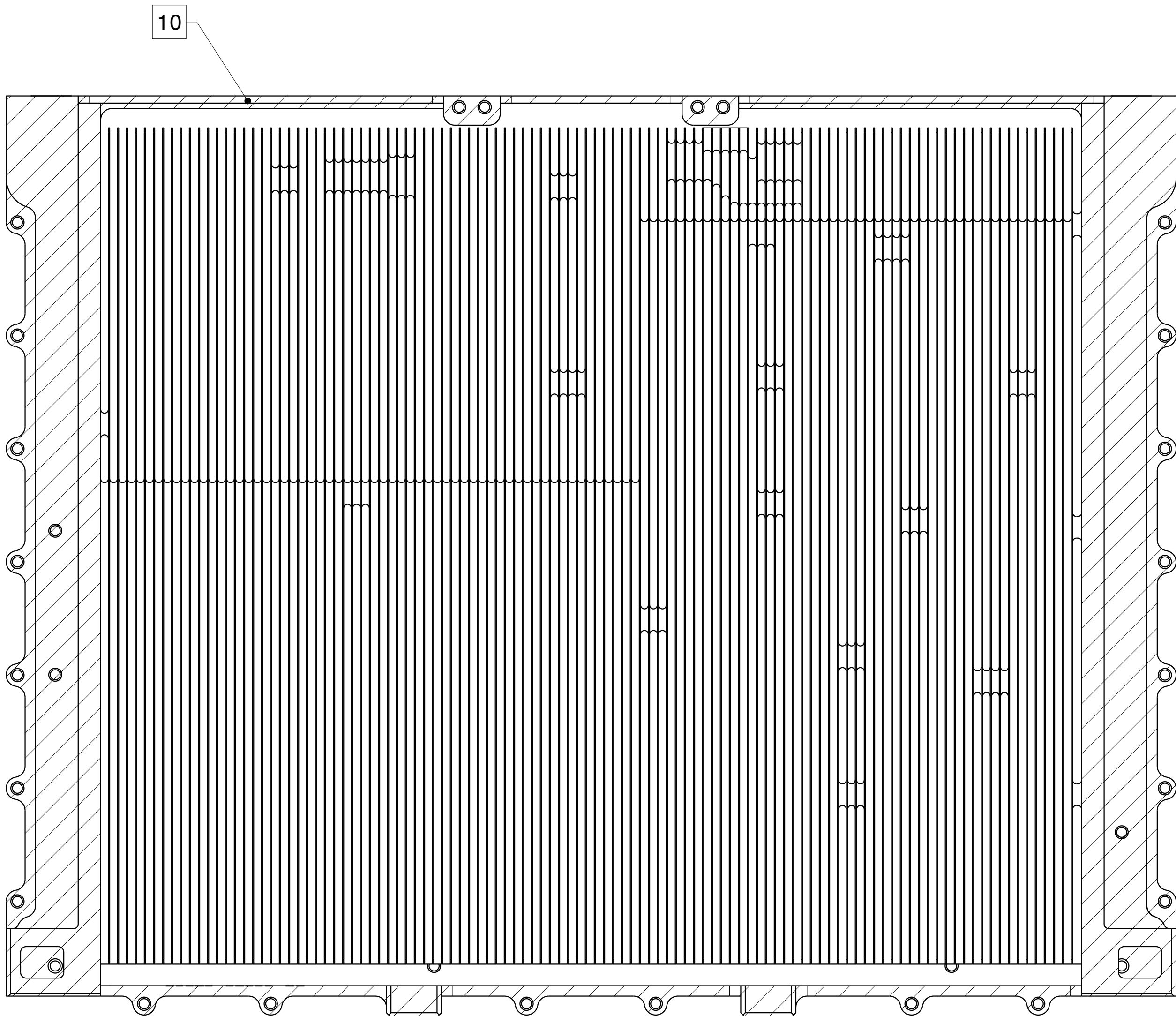
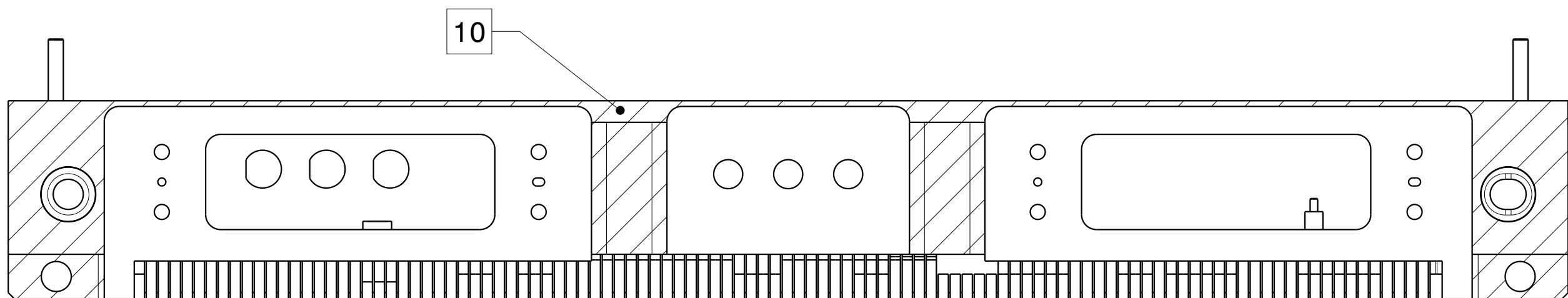
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.03 TYP × 45°

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HEREIN IS SUBJECT TO THE RESTRICTIONS ON SHEET 1.

NORTHROP GRUMMAN PROPRIETARY LEVEL I

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SIZE	CAGE CODE	DWG NO	REV
D	65409	DC305219	2
SCALE	1 / 1	SHEET	4

CATTIA