

D

C

B

A

D




C


B



A

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2017 AND ASME Y14.41-2012. ALL DIMENSIONS DERIVED FROM DATASET SHALL BE INTERPRETED AS US CUSTOMARY NOTATION.
2. DATASET PIN DTE2237592 SHALL COMPRISE OF THIS DRAWING, ASSOCIATED LISTS, AND MODEL DTE2237592-1_1.STP, MODELED AT MEAN SIZE. BASIC DIMENSIONS NOT DISPLAYED HEREIN AND NECESSARY TO SPECIFIED TOLERANCES SHALL BE OBTAINED BY QUERYING THE MODEL. QUERIED DIMENSIONS SHALL BE ROUNDED TO THREE DECIMAL PLACES.
3. THE GEOMETRIC TOLERANCE OF FEATURES UNSPECIFIED IN THE DRAWING FIELD ARE AS FOLLOWS:

A. SURFACES:  .010 A B  C 

B. HOLES:   .010  A B  C 

C. INSERTS, FN 501 AND 502:   .014 A B  C 

4. INSPECTION REQUIREMENTS:
- A. USE THIS DRAWING AND ITS ASSOCIATED MODEL 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.
- C. INSPECTION CONDITION: PART SHALL BE CONSTRAINED ALONG DATUM A.

5. MATERIAL: SEPARATE PARTS LIST

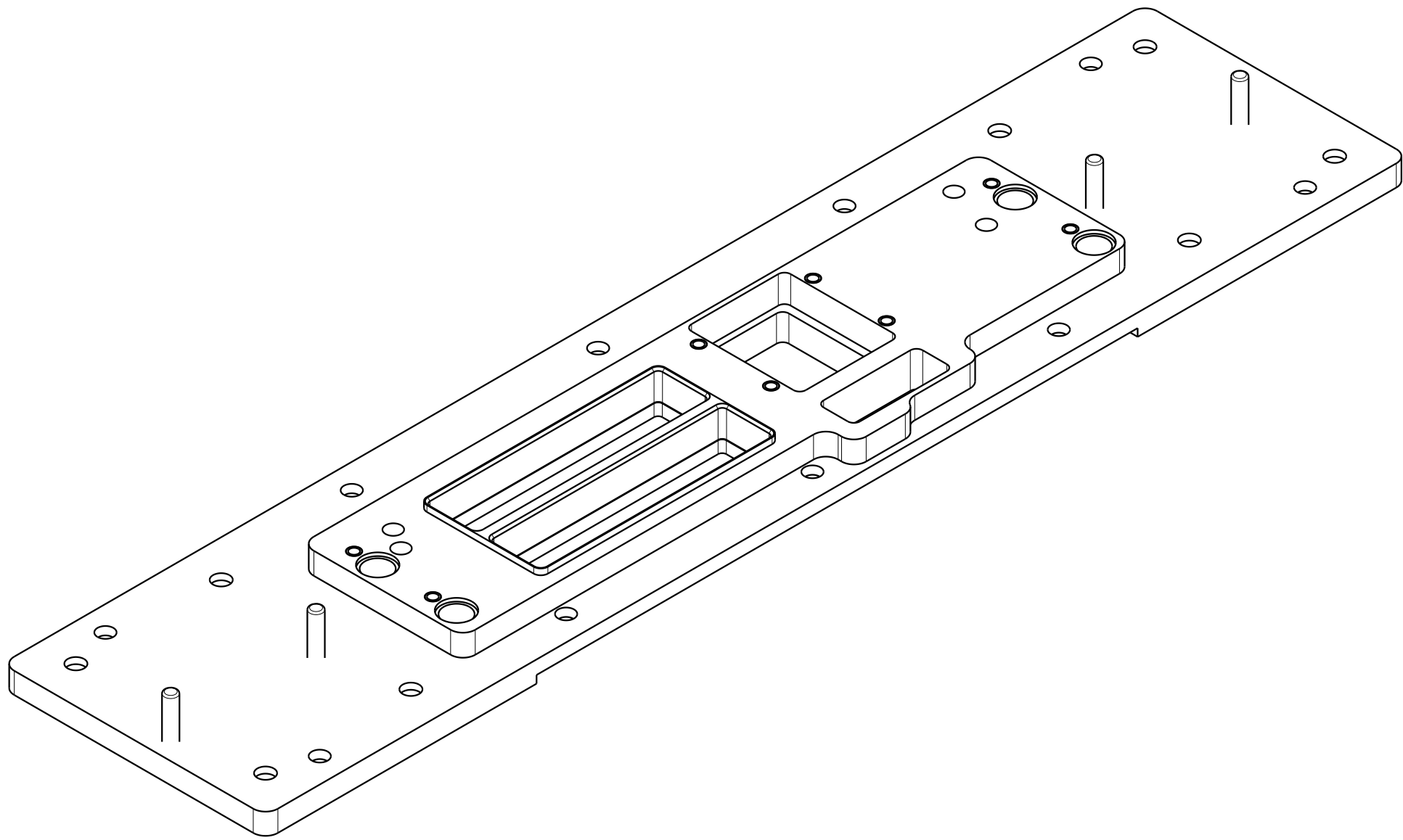
6 FINISH: BEFORE INSTALLATION OF FN 500-502, CHEMICAL CONVERSION COAT ALL SURFACES IAW MIL-DTL-5541, CLASS 3, YELLOW.

7 INSERTS, FN 501 AND 502, SHALL BE INSTALLED IAW NASM33537.

8 MARK PART AND DASH NUMBER IAW MIL-STD-130, USING FN 601 WITH .12 HIGH CHARACTERS. LOCATE APPROXIMATELY WHERE SHOWN.

9. ABBREVIATIONS NOT IAW ASME Y14.38:
INPA: INTERROGATOR POWER AMPLIFIER
ITA: INTERFACE TEST ADAPTER

UNSPECIFIED FEATURE CONTROL		
FEATURE TYPE	TOLERANCE	MODEL CONDITION
FILLET RADII	±.010	MODELED AT NOMINAL
BREAK SHARP EDGES	.005 - .015	MODELED AS SHARP
COUNTERSINK INCLUDED ANGLES	±1°	MODELED AT NOMINAL
DEPTH OF BLIND HOLES AND COUNTERBORES	±.010	MODELED AT NOMINAL
CHAMFERS	±.010 X ±5°	MODELED AT NOMINAL
INTERNAL THREADS	IAW SAE AS8879	MODELED AT TAP DRILL DIAMETER



SHOWN FOR REFERENCE ONLY

NON-DELIVERABLE HARDWARE

THE COMPONENTS DEPICTED ON THIS DRAWING ARE TO BE USED ONLY WITHIN A NORTHROP GRUMMAN APPROVED TEST FACILITY AND ARE DESIGNATED NON-DELIVERABLE

DIGITAL PRODUCT DEFINITION DATA

SEE SEPARATE PARTS LIST

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE CURRENT DESIGN ACTIVITY.

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

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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
1	ENGINEERING DEVELOPMENT		ON FILE

PROTOTYPE RELEASE ONLY
UNCONTROLLED COPY

USER MUST VERIFY CURRENT
REVISION PRIOR TO USE

			-1	DAI	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPEC	REF DES	FIND NO
QTY REQD PER ASSY					PARTS LIST					
UNLESS OTHERWISE SPECIFIED					DO NOT SCALE DRAWING					
1. DIMENSIONS ARE IN INCHES. 2. SURFACE TEXTURE SHALL BE 3. DIMENSIONS APPLY AFTER PLATING OR FINISH. 4. REMOVE BURRS AND SHARP EDGES. 5. PARENTHETICAL DATA IS FOR REFERENCE ONLY. 6. ALL SHEETS ARE THE SAME REVISION STATUS.					CONTRACT NO. N00019-14-C-0002					
					ORIG J. WEBB 20190107					
					CHECKER					
					RDE					
					MFG					
					QA					
					PCMO					
					EDMC					
					THIRD ANGLE PROJECTION					
					SIGNATURES ON FILE					
					ON ALL HOLE DIAMETERS					
					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 +.006 -.001 OVER 2.000 +.014 -.001					
					ON DECIMAL DIMENSIONS:					
					ON ANGULAR DIMENSIONS:					
					.XXX ± .010 MACHINED ±0°30'					
					.XX ± .03 LOCATING ±0°30'					
					.X ± .1 FORMED ±2°					
					HEAT TREAT CHAMFERS ±5°					
					FINISH 6					
					USED ON CI NO. NEXT ASSY APPLICATION					
					JSE PNR DTE2237590					
					THIRD ANGLE PROJECTION					
					CATIA V5					
					RELEASE STATUS: NOT IN SMARTER					

NORTHROP GRUMMAN

15120 INNOVATION DRIVE, SAN DIEGO, CA 92128

INTERFACE PLATE,
INPA SUBASSEMBLY
ITA

SIZE DAI DWG NO REV

D 65409 DTE2237592 1

SCALE NONE SHEET 1 OF 2

