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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 R2236425-1 SHALL COMPRISE OF THIS DRAWING, ASSOCIATED LISTS, AND MODELS R2236425-1_B.STP, R2236425-12_B.STP AND R2236425-13_-.STP, MODELED AT MEAN SIZE. BASIC DIMENSIONS NOT DISPLAYED HEREIN AND NECESSARY TO SPECIFIED TOLERANCES SHALL BE OBTAINED BY QUERYING THE MODELS. 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:

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B. HOLES:

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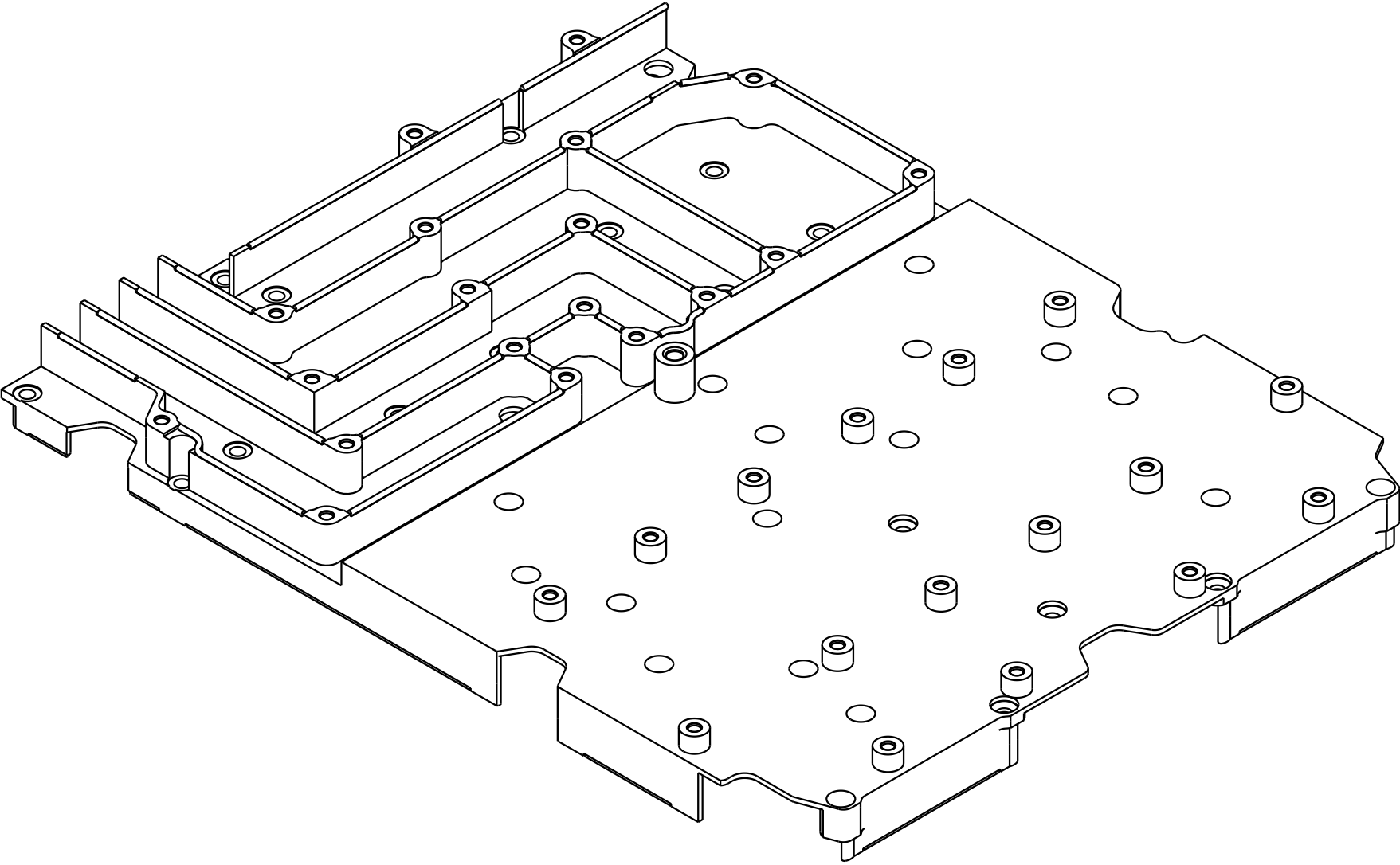
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4. INSPECTION REQUIREMENTS:
A. USE THIS DRAWING AND ITS ASSOCIATED MODELS TO INSPECT PART.
B. MINIMUM INSPECTION REQUIREMENTS:
1. ALL DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING.
2. QUALITY OF FINISH IAW APPLICABLE FINISH SPECIFICATION.
3. ALL TAPPED HOLES SHALL BE GAUGED PRIOR TO INSERT INSTALLATION.
4. AFTER FINISH, ALL BLIND TAPPED HOLES SHALL BE INSPECTED FOR DEBRIS.
C. INSPECTION CONDITION: PART SHALL BE CONSTRAINED ALONG DATUM A.
5. MATERIAL: SEE SEPARATE PARTS LIST.
- 6 FINISH: CHEMICAL CONVERSION COATING IAW MIL-DTL-5541, TYPE II, CLASS 3. COLOR YELLOW IS PREFERRED BUT NOT BASIS FOR REJECTION.
- 7 MARK PART AND DASH NUMBER IAW MIL-STD-130 USING INK, FN 601. LOCATE APPROXIMATELY WHERE SHOWN.
- 8 AFTER FINISH, GASKET, FN 602, SHALL BE APPLIED IAW MANUFACTURER INSTRUCTIONS WHERE SHOWN IN DRAWING AND MODELS R2236425-12_B.STP AND R2236425-13_-.STP IAW MANUFACTURER RECOMMENDATIONS. INCIDENTAL DAMAGE TO GASKET CAUSED BY TRANSPORT AND/OR INSTALLATION, NOT INCLUDING INITIATION OR TERMINATION, SHALL ONLY BE BASIS FOR REJECTION IF THE DAMAGE TO ANY PORTION OF THE GASKET IS GREATER THAN .100 LENGTH. OVERHANG OF GASKET OVER EDGE OF WALL OF UP TO .005 IS ALLOWED.
9. ABBREVIATIONS NOT IAW ASME Y14.38:
UVPA: UHF/VHF POWER AMPLIFIER.
10. INSERTS SHALL BE INSTALLED AFTER FINISH AND IAW NASM33537.

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

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UNSPECIFIED FEATURE CONTROL		
FEATURE TYPE	TOLERANCE	MODEL CONDITION
FILLET RADII	±.010	MODELED AT (MEAN) NOMINAL
BREAK SHARP EDGES	.005 - .015	MODELED AS SHARP
COUNTERSINK INCLUDED ANGLES	±1°	MODELED AT (MEAN) NOMINAL
CHAMFERS	±.010 X ±5°	MODELED AT (MEAN) NOMINAL
INTERNAL THREADS	FED-STD-H28	MODELED AT MAJOR DIAMETER



- 1
SHOWN FOR REFERENCE ONLY

DIGITAL PRODUCT DEFINITION DATA

SEE SEPARATE PARTS LIST

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

					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		<div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div>15120 INNOVATION DRIVE, SAN DIEGO, CA 92128</div><div>TITLE</div><div>SUBCOVER, SWITCH/FILTER - UVPA</div><div>SIZE</div><div>DAI</div><div>DWG NO</div><div>REV</div><div>D</div><div>65409</div><div>R2236425</div><div>B</div><div>SCALE</div><div>NONE</div><div>SHEET 1 OF</div><div>2</div></div>			
1. DIMENSIONS ARE IN INCHES. 2. SURFACE TEXTURE SHALL BE 63/✓ 3. DIMENSIONS APPLY AFTER PLATING OR FINISH. 4. REMOVE BURRS AND SHARP EDGES. 5. PARENTHEetical DATA IS FOR REFERENCE ONLY. 6. ALL SHEETS ARE THE SAME REVISION STATUS.						CONTRACT NO. N00019-14-C-0002					
TOLERANCES ON ALL HOLE DIAMETERS						ORIG BW DAVIS 20191015					
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:		QA			
.XXX ± .010						MACHINED ±0°30'		PCMO			
.XX ± .03						LOCATING ±0°30'		EDMC			
.X ± .1						FORMED ±2°		THIRD ANGLE PROJECTION			
HEAT TREAT											
FINISH						6					
USED ON						CI NO.		NEXT ASSY			
APPLICATION											

SIGNATURES ON FILE

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RELEASE STATUS:

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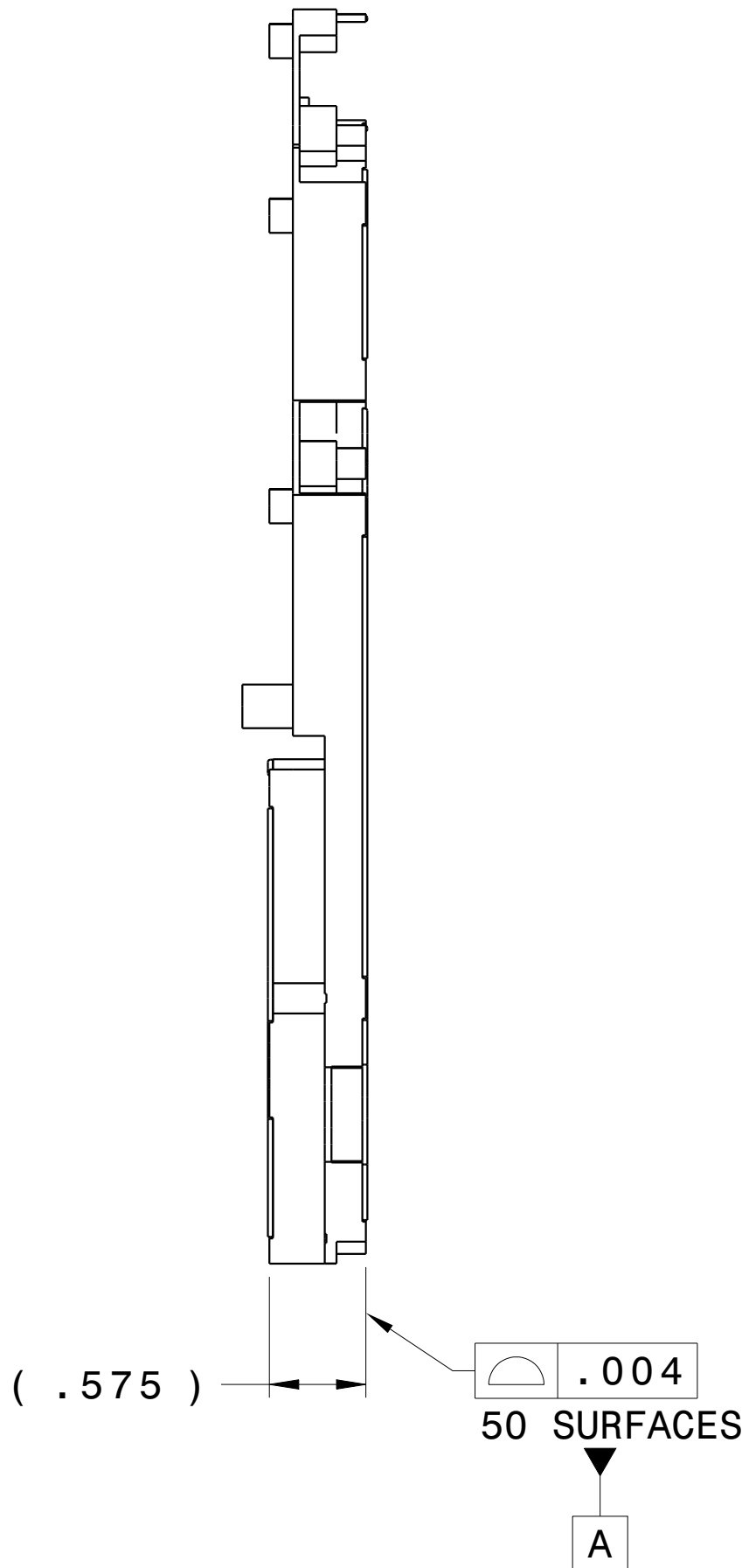
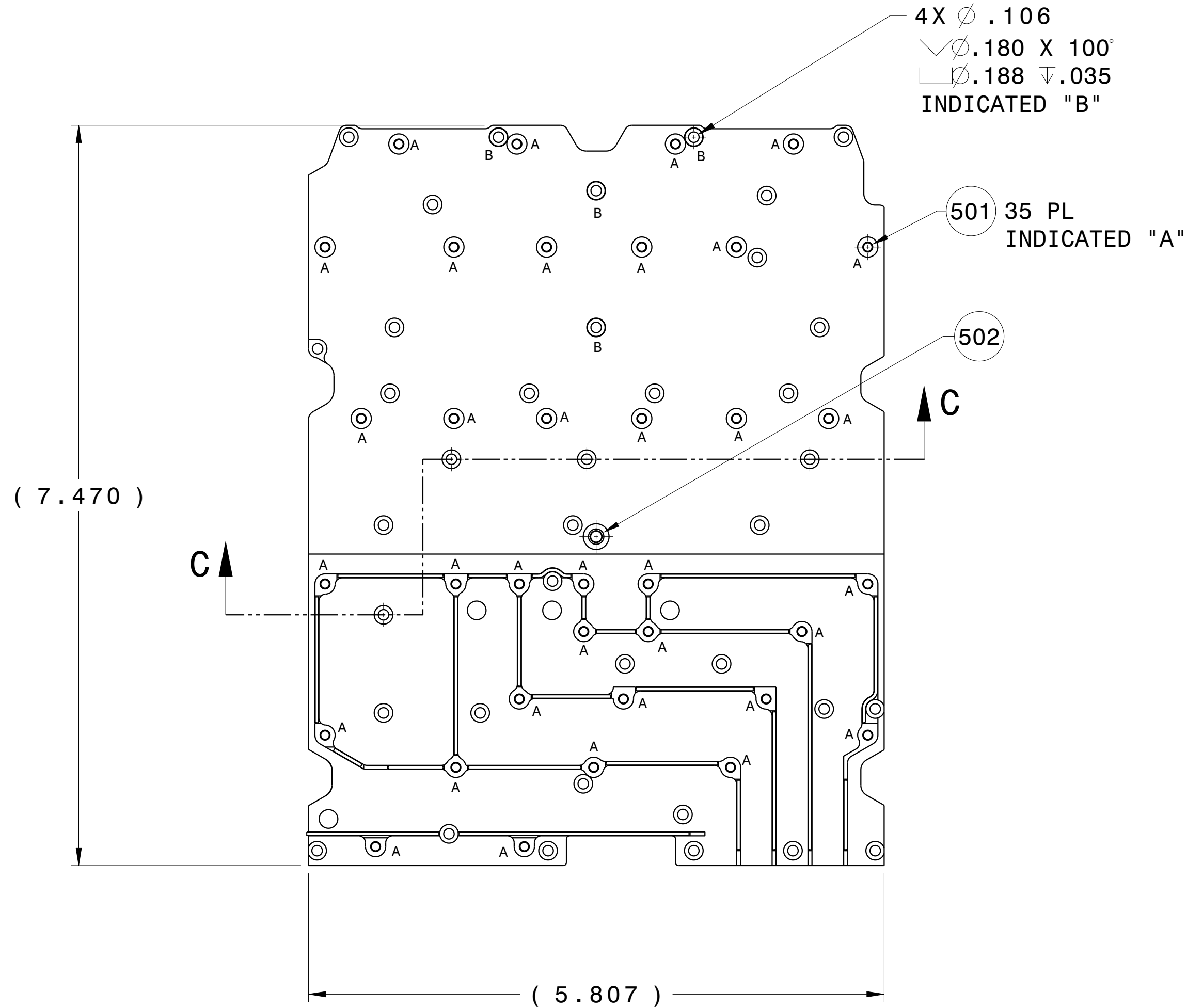
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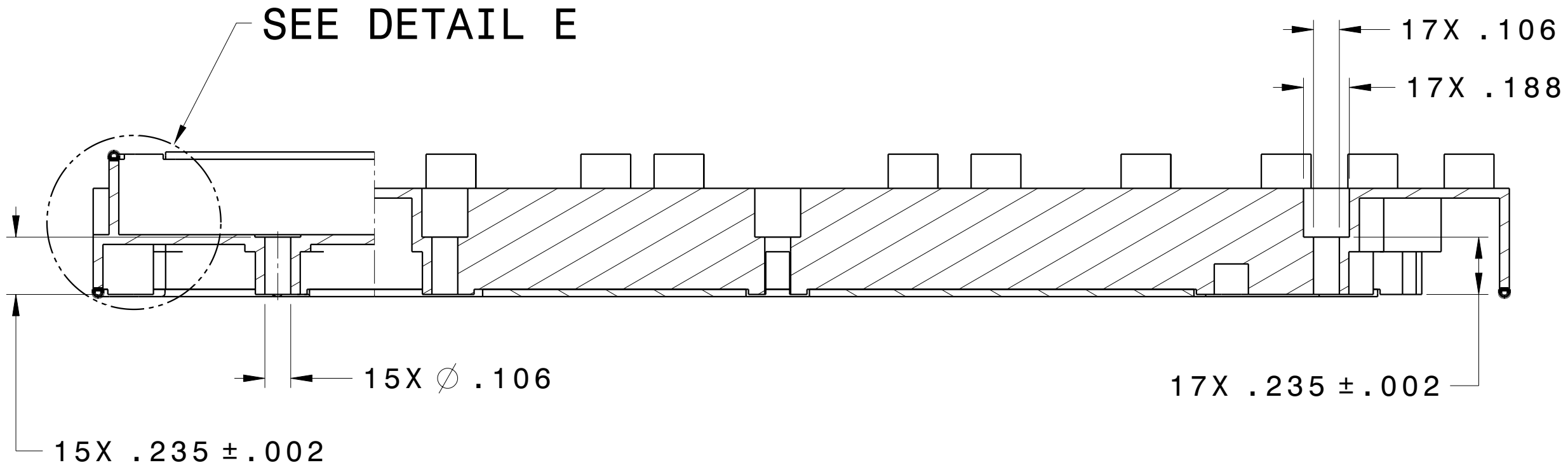
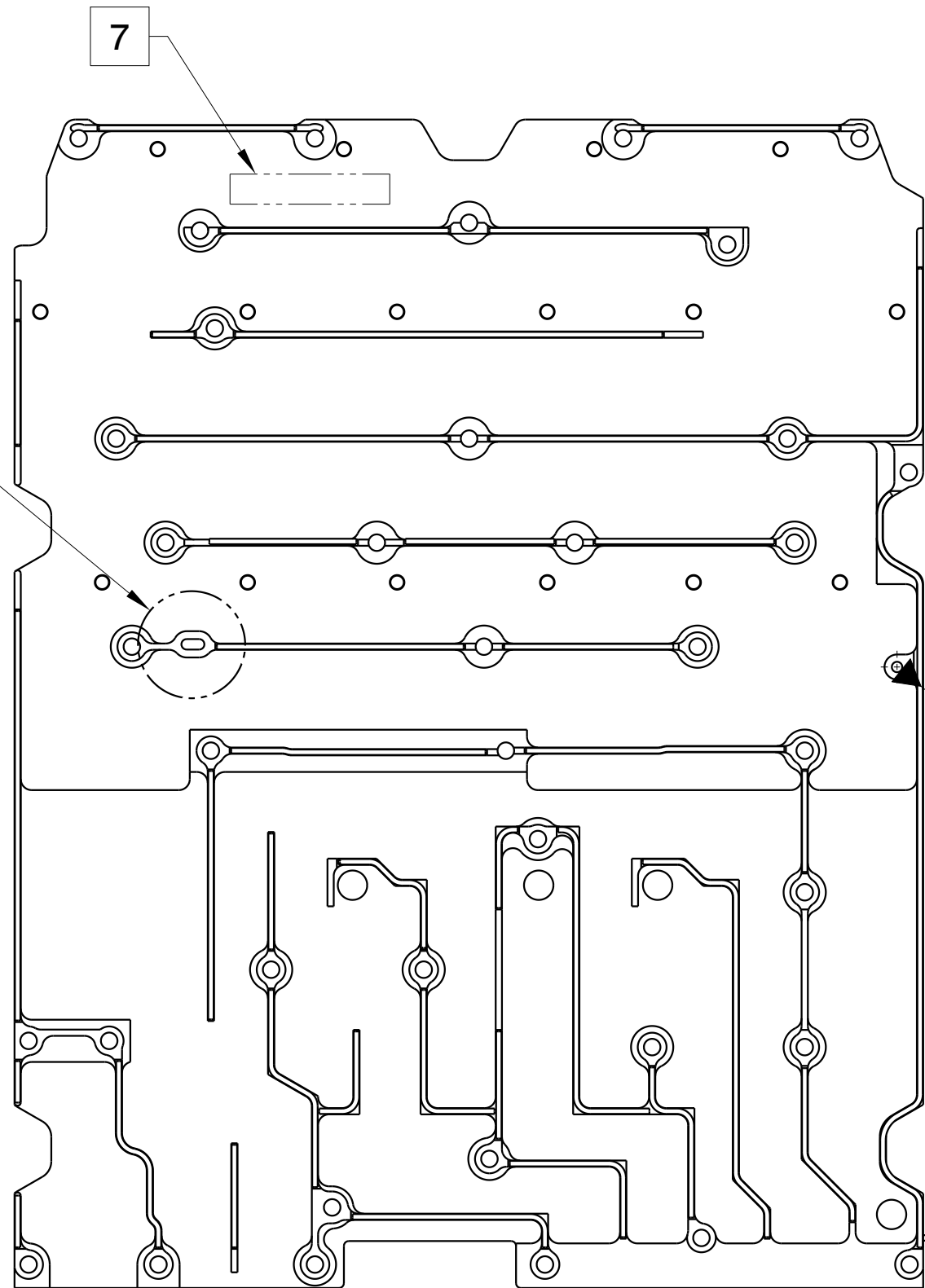
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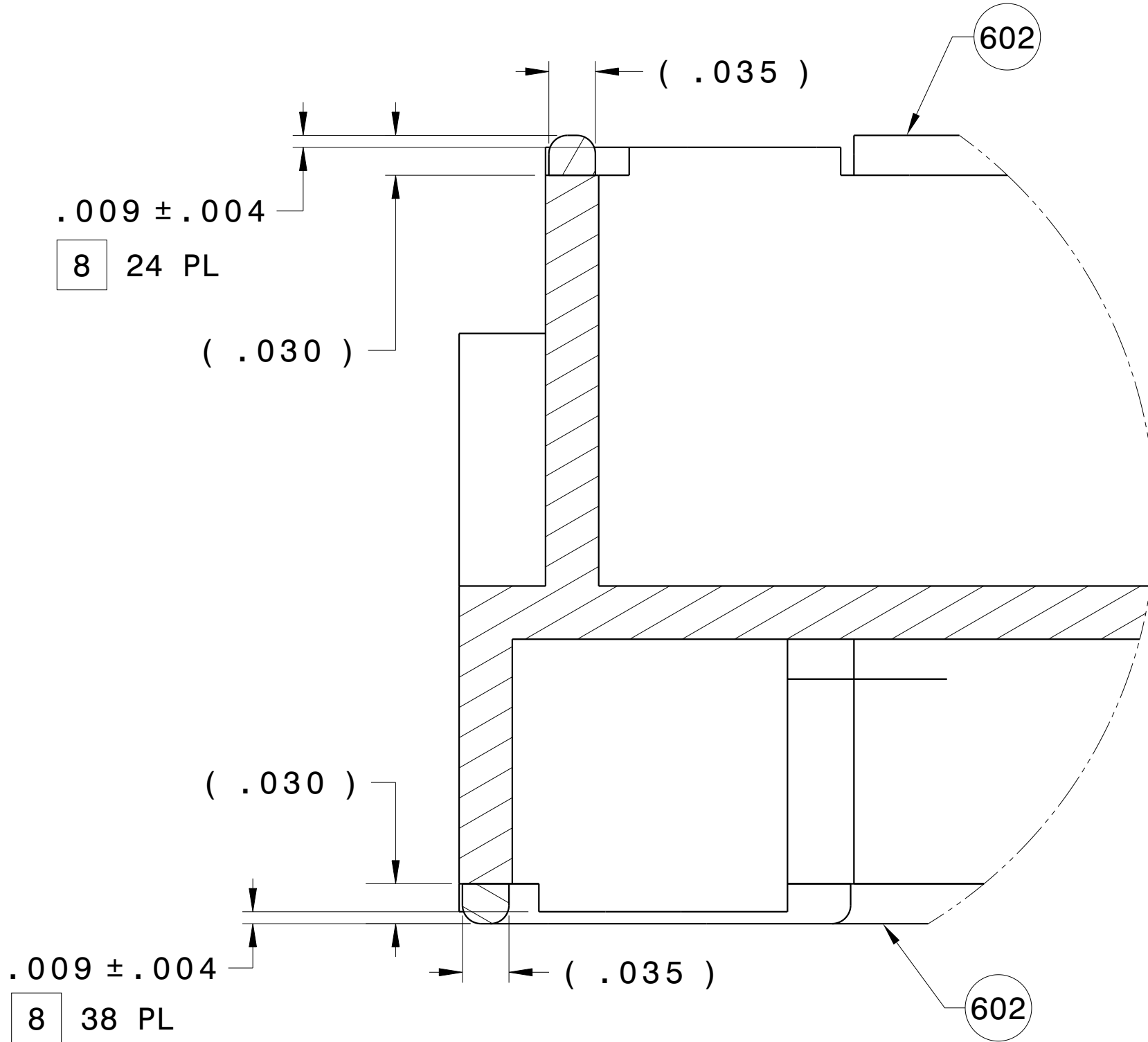
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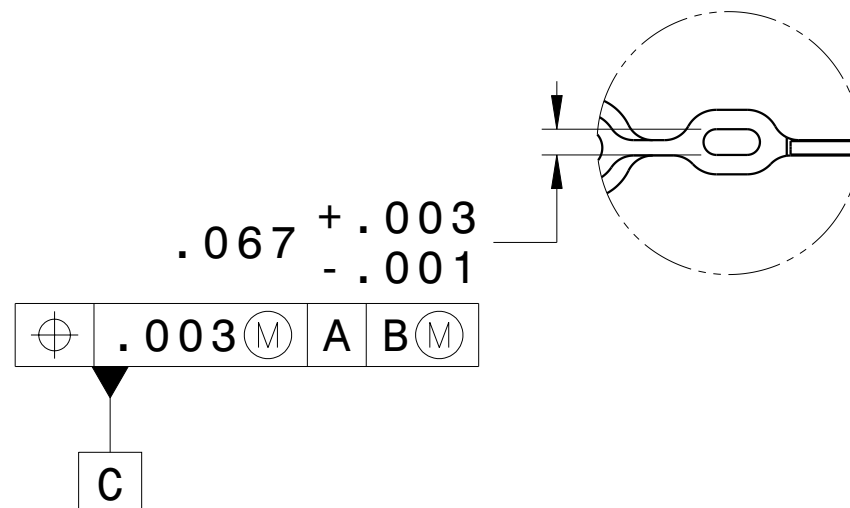
SEE DETAIL D



SECTION C-C
SCALE: 2/1



DETAIL E
SCALE: 10/1



DETAIL D
SCALE: 2/1