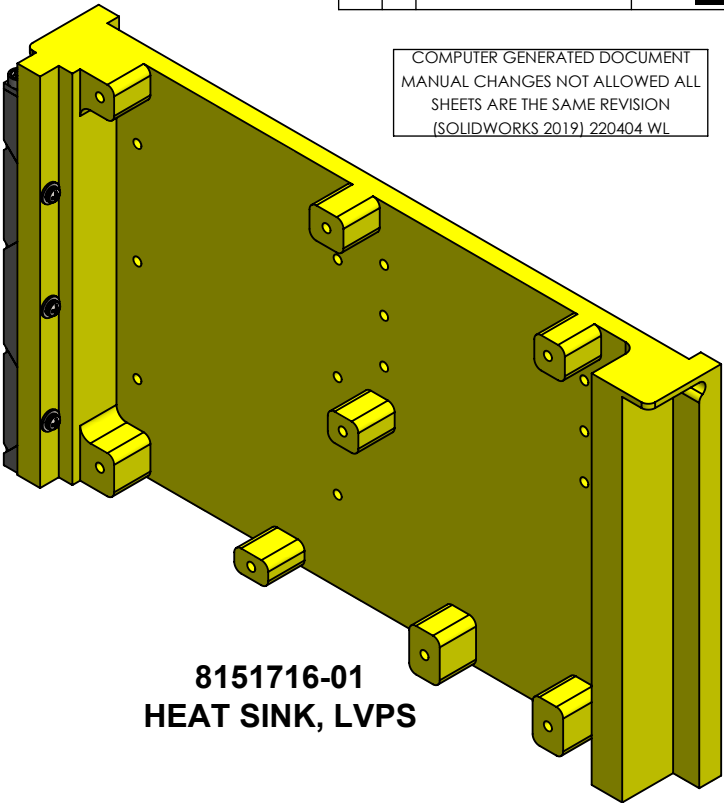


- NOTES: UNLESS OTHERWISE SPECIFIED
- 1. MATERIAL: ALUMINUM ALLOY 6061-T6 PER ASTM-B221 OR AMS-QQ-A-200/8 OR ALUMINUM ALLOY 6061-T651 PER ASTM B209 OR AMS 4027.
 - 2. FINISH: GOLD CHEMICAL CONVERSION COATING IAW SAE MIL-C-5541, TYPE I, CLASS 1A.
 - 3. BREAK ALL EDGES: .015-.025
 - 4. INTERNAL SURFACE ROUGHNESS: 125 MICROINCHES, OR FINER.
 - 5. MACHINE FILLETS: .015 MAX
 - 6. TORQUE SCREWS IAW PROCESS SPECIFICATION 8017620.
 - 7. TORQUE ALL 2-56 SCREWS AT 2±.4 IN-LBS.

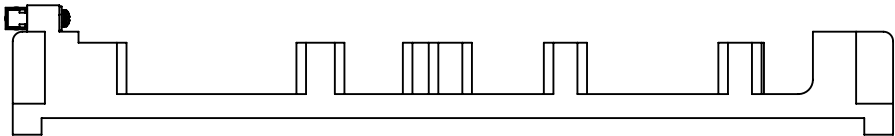
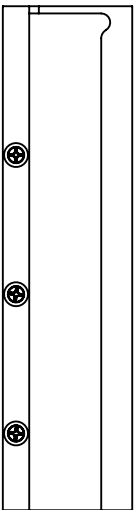
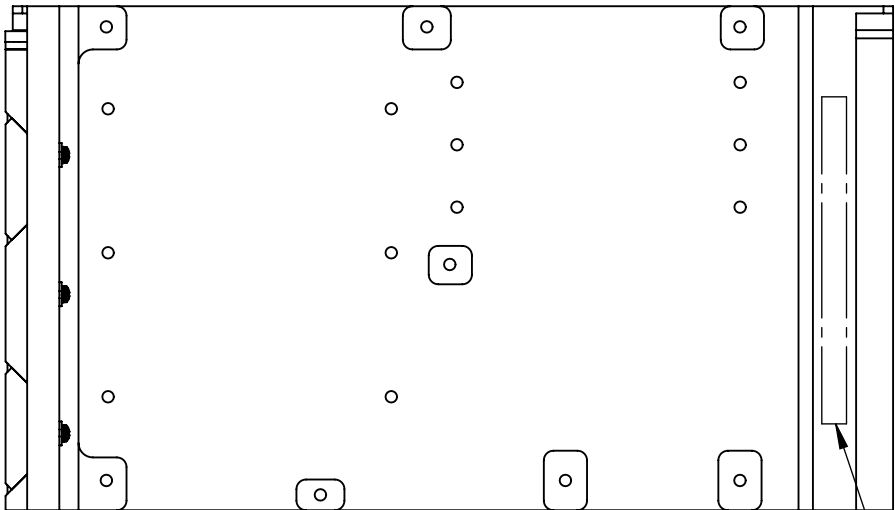
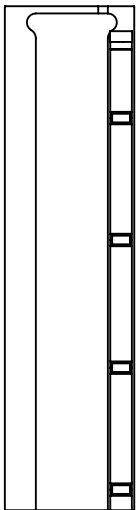
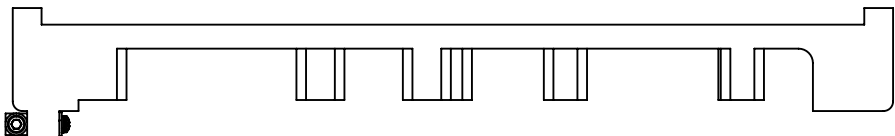
- 8. INSTALL HELICOIL INSERT MS21209C0420, IAW MS33537
- 9. INSTALL HELICOIL INSERT MS21209C0430, IAW MS33537
- 10. PRIOR TO SCREW INSTALLATION, APPLY SEALING COMPOUND, ITEM 6, TO THE THREADS.
- 11. MARK PART NUMBER 60225-8151716, APPROPRIATE DASH NUMBER, AND CURRENT REVISION LETTER WITH .12 HIGH CHARACTERS IN APPROXIMATE POSITION SHOWN IAW BOPS13.002, TYPE II, CLASS 2, USING INK, BOMS5037-2 (BLACK).

REVISION				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	X2	RECORDS RELEASE PER ECN-4493		

COMPUTER GENERATED DOCUMENT
MANUAL CHANGES NOT ALLOWED ALL
SHEETS ARE THE SAME REVISION
(SOLIDWORKS 2019) 220404 WL



8151716-01
HEAT SINK, LVPS



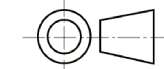
11.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
REMOVE ALL BURRS AND SHARP EDGES.
DIMENSIONAL LIMITS APPLY AFTER FINISH.
ASME Y14.100 ENGRG DWG PRACTICES APPLY.
△ INDICATES CROSS REFERENCE TO A NOTE.

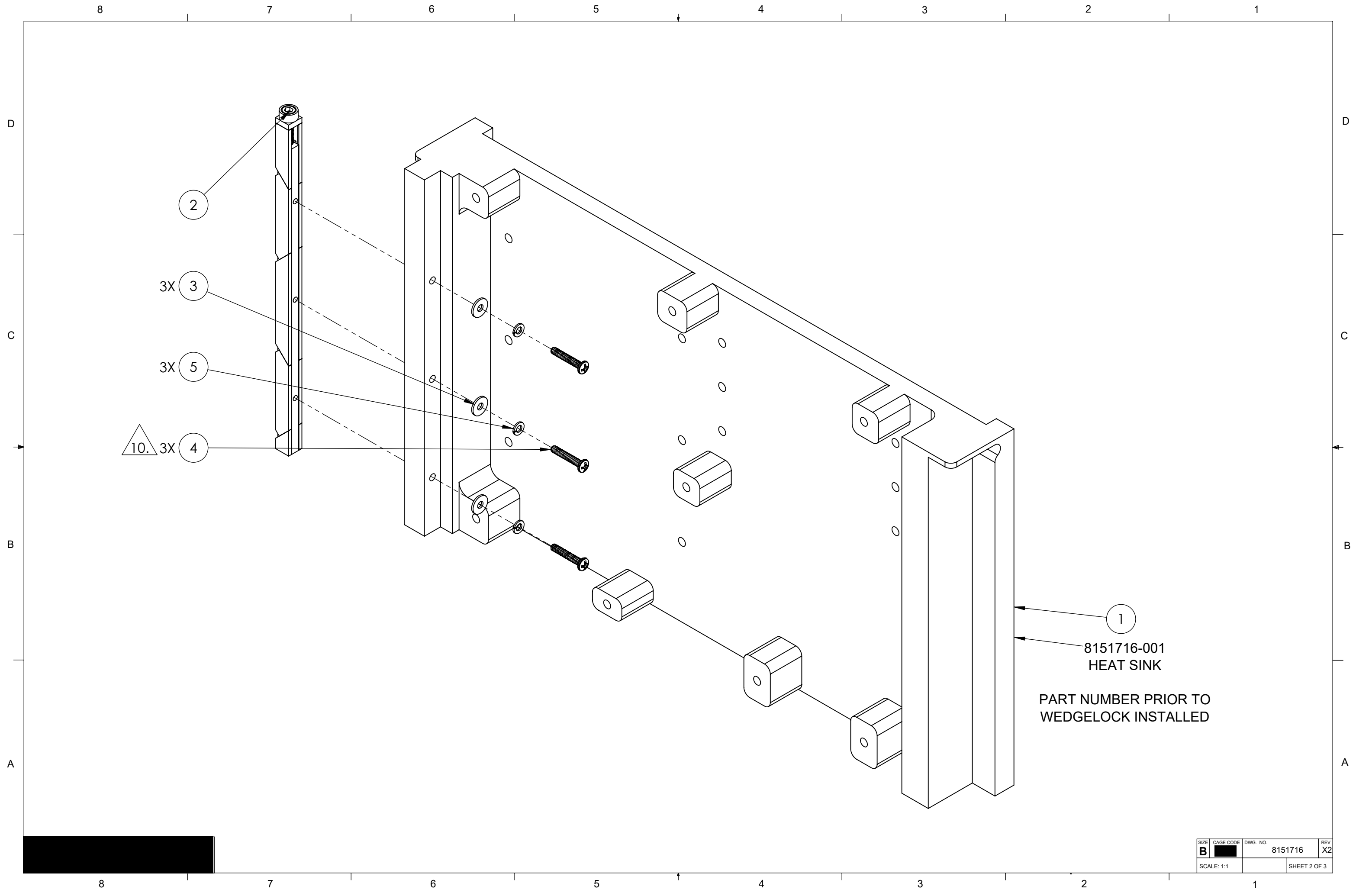
TOLERANCES:
INTERPRET DIM AND TOL
IAW ASME Y14.5M-1994.

2 PL ± .03 3 PL ± .010 ∠ ±0° 30'

THIRD ANGLE PROJECTION



CONTRACT NO.		TITLE: HEAT SINK, LVPS		
ELECTRONIC APPROVALS ON FILE		SIZE B	CAGE CODE [REDACTED]	DWG. NO. 8151716
APPVL:		REV X2		
APPVL:		SCALE: 1:2		SHEET 1 OF 3



1
8151716-001
HEAT SINK
PART NUMBER PRIOR TO
WEDGELOCK INSTALLED

SIZE	CAGE CODE	DWG. NO.	REV
B		8151716	X2
SCALE: 1:1		SHEET 2 OF 3	

TAG	X LOC FROM DATUM C	Y LOC FROM DATUM B	SIZE
A1	.993	1.182	<div> <div>8.</div> <div> <div>Ø .120 THRU</div> <div>4-40 STI TAP</div> <div> <div>⊕</div> <div>Ø .014</div> <div>M</div> <div>A</div> <div>B</div> <div>C</div> </div> </div> </div>
A2	.993	2.682	
A3	.993	4.182	
A4	3.943	1.182	
A5	3.943	2.682	
A6	3.943	4.182	
A7	4.627	3.157	
A8	4.627	3.807	
A9	4.627	4.457	
A10	7.577	3.157	
A11	7.577	3.807	
A12	7.577	4.457	
C1	.975	.310	<div> <div>9.</div> <div> <div>Ø .120</div> <div>▽ .360</div> <div>4-40 STI TAP</div> <div> <div>⊕</div> <div>Ø .014</div> <div>M</div> <div>A</div> <div>B</div> <div>C</div> </div> </div> </div>
C2	.975	5.035	
C3	3.205	.160	
C4	4.313	5.035	
C5	4.552	2.560	
C6	5.757	.310	
C7	7.575	.310	
C8	7.575	5.035	

