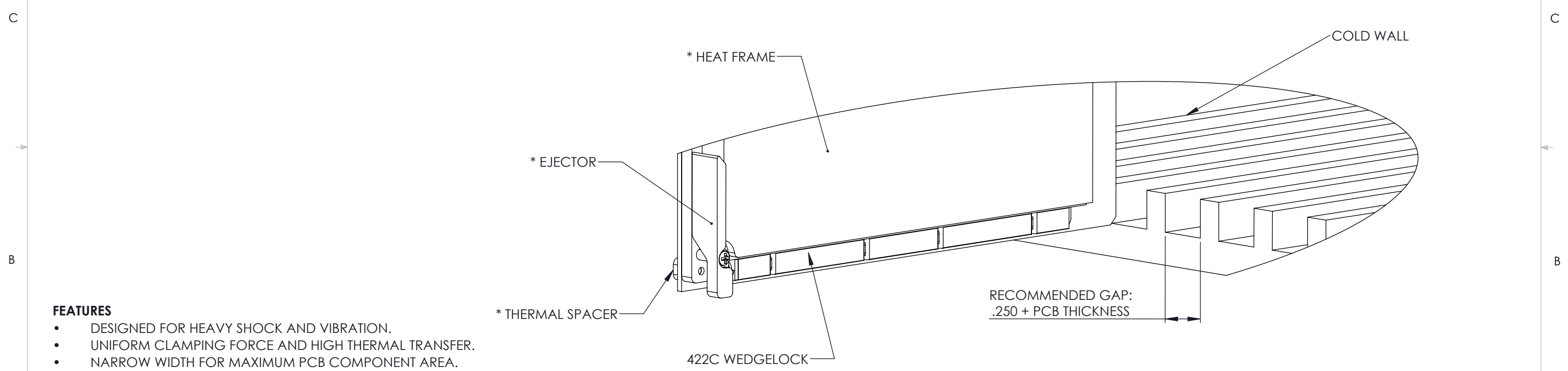
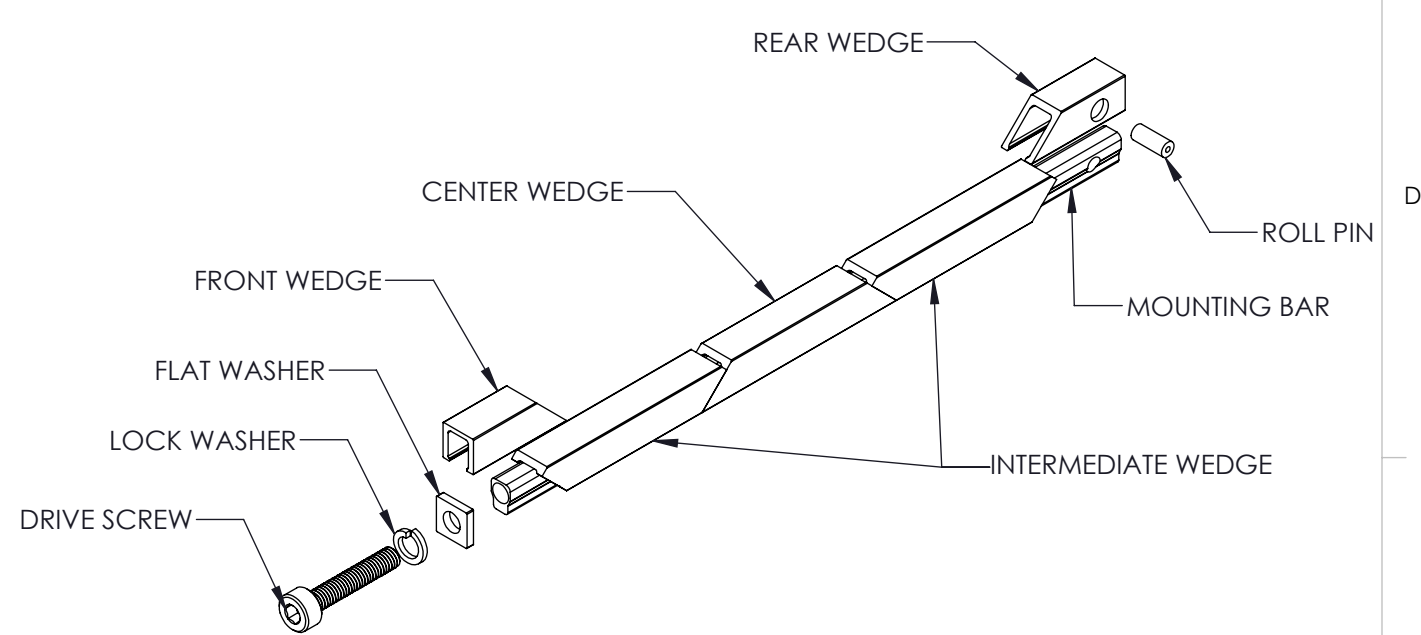
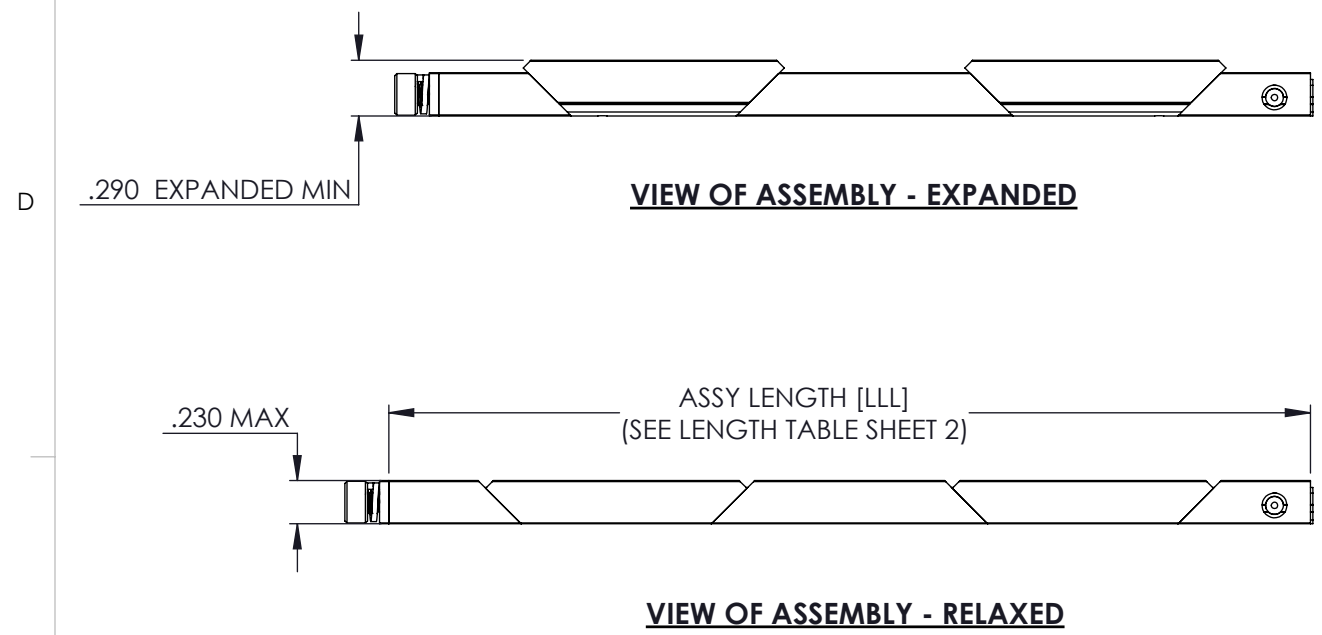


8 7 6 5 4 3 2 1



- FEATURES**
- DESIGNED FOR HEAVY SHOCK AND VIBRATION.
 - UNIFORM CLAMPING FORCE AND HIGH THERMAL TRANSFER.
 - NARROW WIDTH FOR MAXIMUM PCB COMPONENT AREA.
 - LOW PROFILE DESIGN ALLOWS FOR DECREASED SLOT PITCH.
 - CAPTIVATED REAR WEDGE.
 - LIGHT WEIGHT = ASSEMBLY LENGTH X .080 OZ [2.27 G] OR [.89 G/CM]
 - SPECIAL LENGTHS, FINISH, AND OTHER DESIGN OPTIONS AVAILABLE UPON REQUEST.

MATERIAL
 MOUNTING BAR AND WEDGES: ALUMINUM 6063-T6.
 ALL OTHER HARDWARE: STAINLESS STEEL, PASSIVATED.

PARTS ARE SHIPPED AS COMPLETE ASSEMBLY EXCEPT FOR RIVET MOUNT OPTION (SEE SHEET 2)
 RECOMMENDED DRIVE SCREW TORQUE IS 6 IN-LBS (68 N-CM)
 8IN-LBS (90 N-CM) ALLOWABLE MAX WITH LOCK PATCH

* CONTACT WAKEFIELD FOR COMPLETE HEATFRAME ASSEMBLY OR OTHER COMPONENT ITEMS

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CAD GENERATED DRAWING				 2910 INDUSTRIAL DRIVE, RALEIGH, NC 27609	
TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE: 422C WEDGELOCK DATASHEET 0.225 X 0.225		
X.XX ± 0.010"	DRAWN	3/9/2023			
X.XXX ± 0.005"	CHECKED	.			
ANGULAR ± 1°	ENG APPR.	3/9/2023			
MACHINED SURFACES ⁶³	MFG APPR.	.	REV 23A		
INTERPRET GEOMETRIC TOLERANCES PER: ASME Y14.5M-1994	Q.A.	.			
MATERIAL:	SEE PART DETAIL	SIZE	DWG NO.	422C-DS	
FINISH:	SEE FINISH TABLE	B	3E7U8		
DO NOT SCALE DRAWING	CAGE CODE:	3E7U8	SCALE 1:1	SHEET 1 OF 2	
MODEL_INFO: 422C SERIES MASTER					

8 7 6 5 4 3 2 1

[LLL] LENGTH TABLE		
ASSY LENGTH [LLL]	[H] MTG X	[C] OPITON X/2
280	0.900	0.450
330	1.400	0.700
380	1.900	0.950
430	2.400	1.200
480	2.900	1.450
530	3.400	1.700
580	3.900	1.950
630	4.400	2.200
680	4.900	2.450
730	5.400	2.700
780	5.900	2.950

OTHER LENGTHS AVAILABLE UPON REQUEST

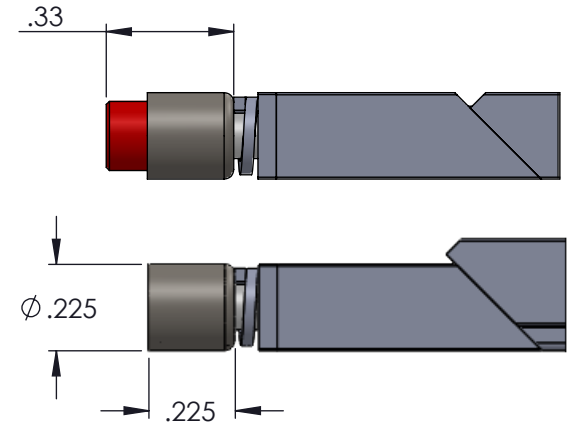
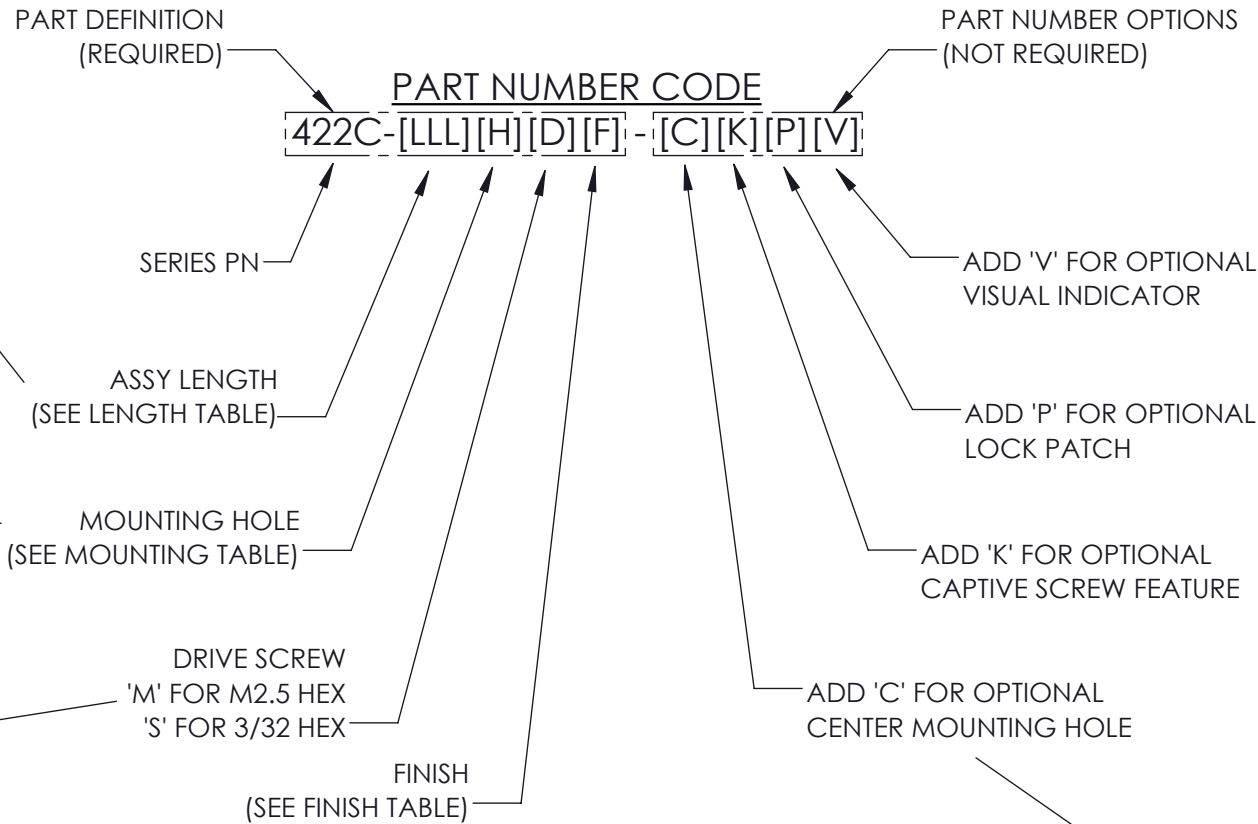
[H] MOUNTING TABLE	
DASH NO	DESCRIPTION
A	NO MOUNTING HOLES
$\triangle 1$ R	$\phi 0.068/0.073$ THRU $\checkmark \phi 0.213 \times 100^\circ$
T	#0-80 UNF-2B THREADS
S	#2-56 UNC-2B THREADS
U	M2 X 0.4 - 6H THREADS
$\triangle 2$ M	M2.5 X 0.45 - 6H THREADS

THREAD DEPTH .190

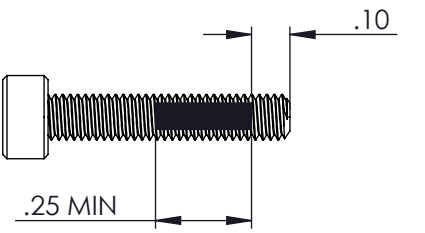
[F] FINISH TABLE	
DASH NO	DESCRIPTION
A	NO FINISH
G	CHROMATE PER MIL-DTL-5541, CLASS 1A, TYPE I (GOLD)
T	TRIVALENT CHROMATE PER MIL-DTL-5541, CLASS 1A, TYPE II (CLEAR), RoHS COMPLIANT
B	BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2
H	HARD BLACK ANODIZE PER MIL-A-8625, TYPE III, CLASS 2
D	HARD BLACK ANODIZE PER MIL-A-8625, TYPE III, CLASS 2 WITH DRY FILM LUBE PER MIL-L-46010
E	ELECTROLESS NICKEL PER MIL-C-26074, CLASS 4, GRADE B, BRIGHT
*N	NADCAP COMPLIANT (EX: 'BN' - BLACK ANODIZE, NADCAP)

EXAMPLE
 422C-480SSB-CKP
 422C WEDGELock ASSEMBLY
 4.80" LENGTH, 2-56 MTG, 3/32 SOCKET HEAD, BLACK ANODIZE
 CENTER MTG HOLE, CAPTIVE SCREW, LOCK PATCH

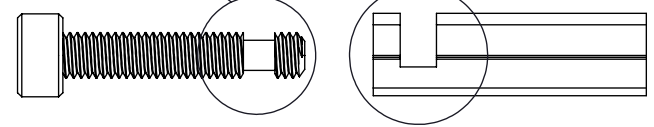
PART NUMBER CODE
 422C-[LLL][H][D][F] - [C][K][P][V]



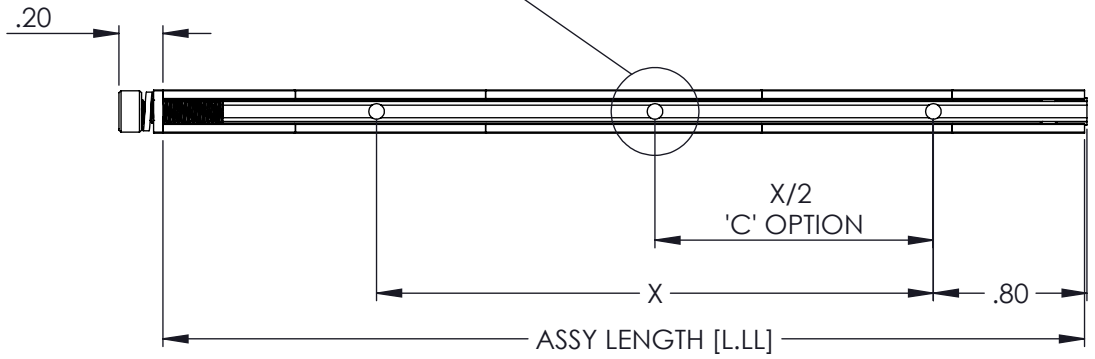
'V' OPTION
 VISUALLY CONFIRMS LOCKED IN PLACE WHEN RED SCREW HEAD IS CONCEALED



'P' OPTION
 NYLON PATCH PER MIL-F-18240 PROVIDES ADDITIONAL RESISTANCE TO SHOCK AND VIBRATION



'K' OPTION
 CAPTIVATES SCREW BY FREE SPINNING WHEN WEDGELock IS IN RELAXED POSITION



BOTTOM VIEW

- NOTES:
- $\triangle 1$ SHIP AS COMPLETE ASSEMBLY IN RELAXED STATE (IF RIVET MOUNTING OPTION IS SELECTED, SHIP UNASSEMBLED)
 - $\triangle 2$ NOT RECOMMENDED, REVIEW WITH FACTORY

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SIZE B	DWG NO. 422C-DS	REV 23A
CAGE CODE: 3E7U8	SCALE 1:1	SHEET 2 OF 2

MODEL_INFO:
422C SERIES MASTER