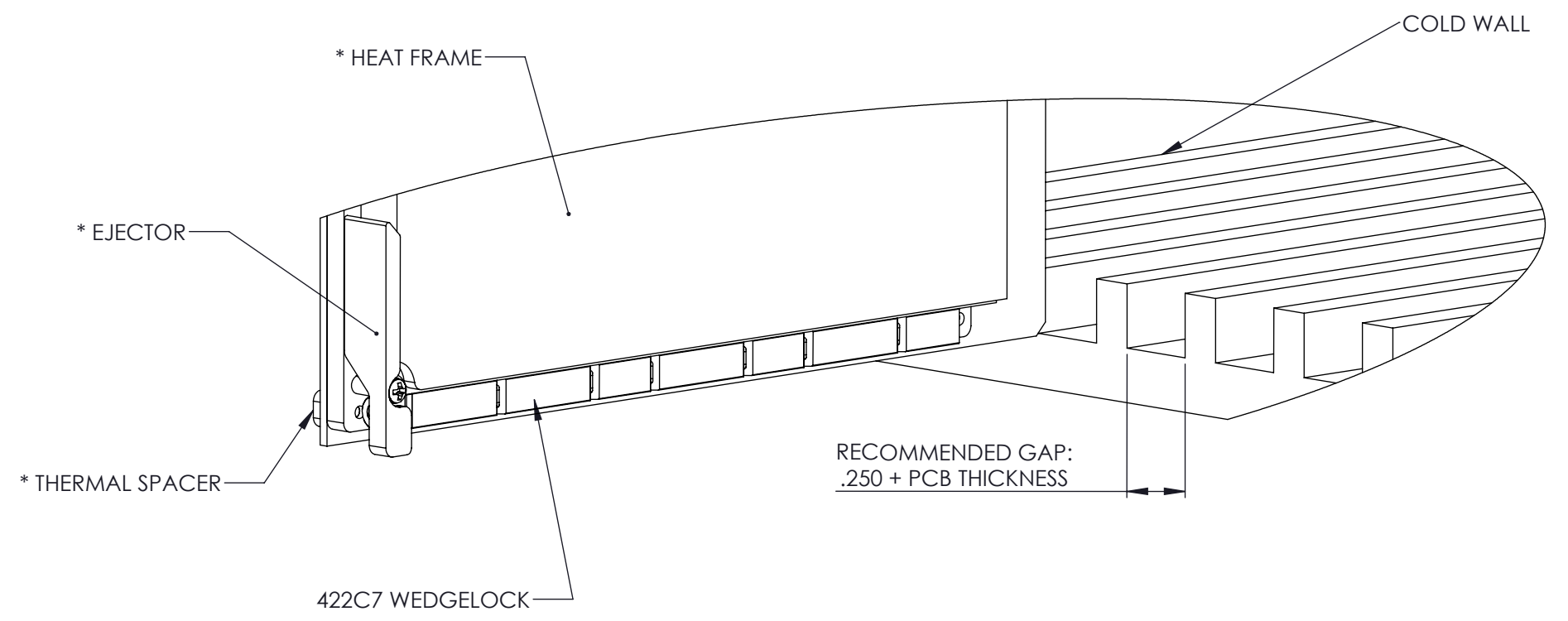
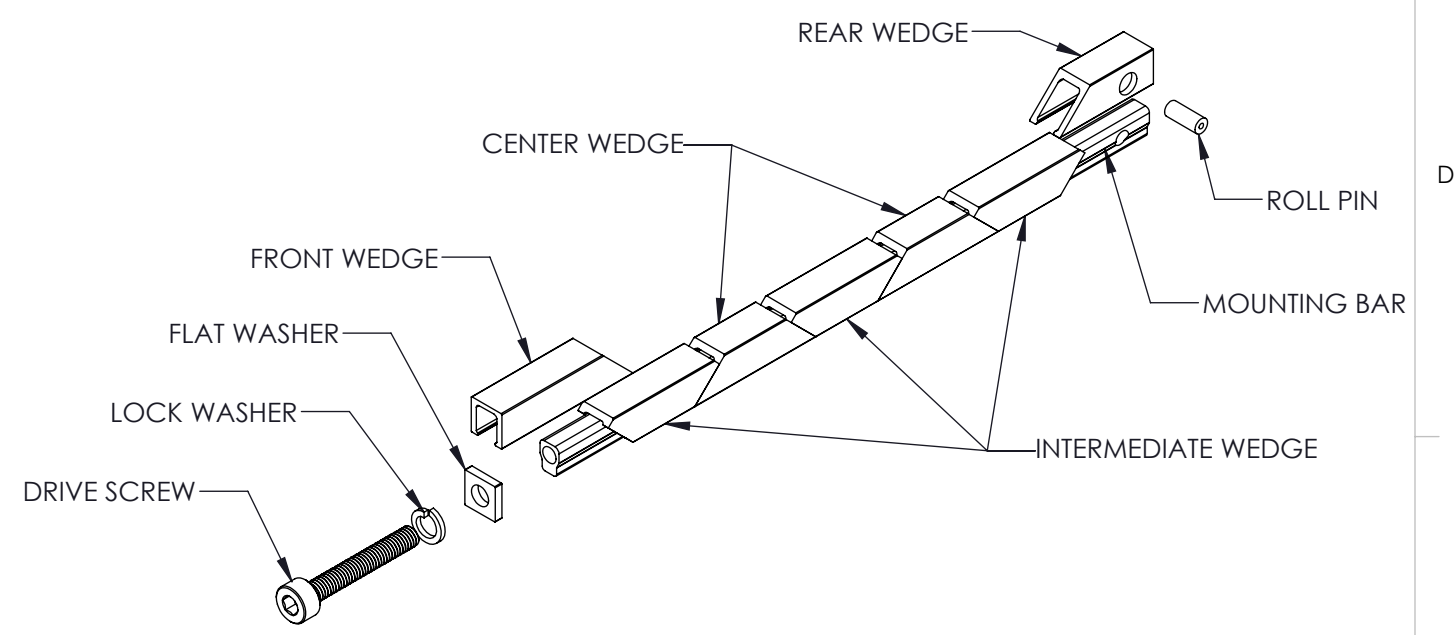
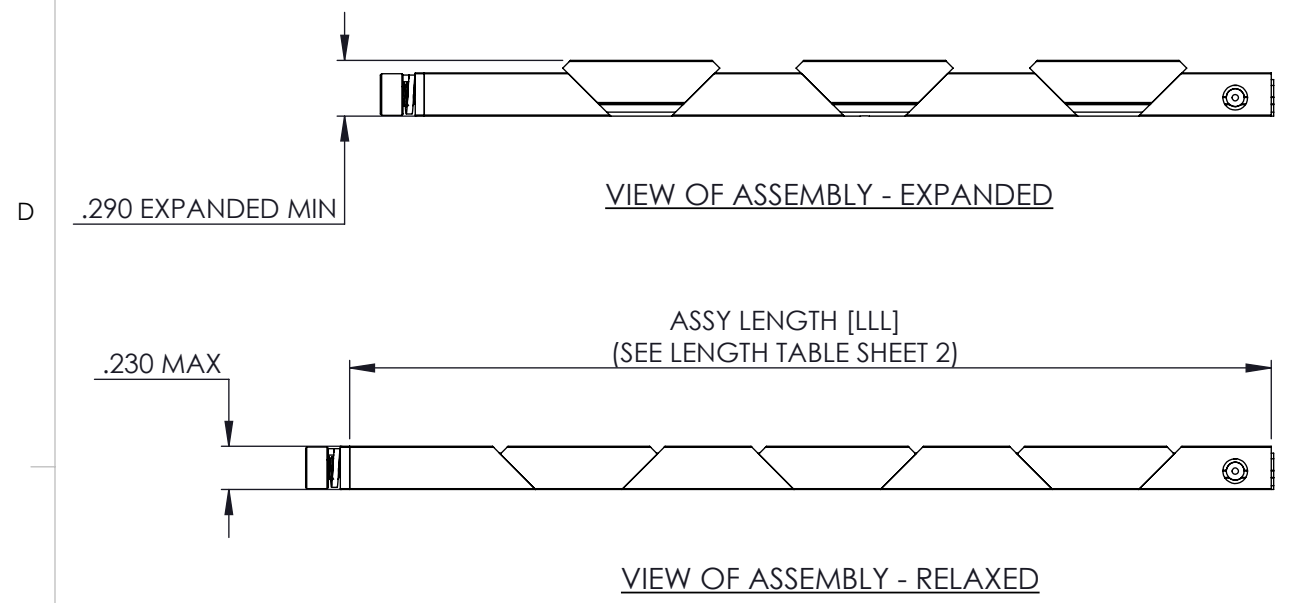


8 7 6 5 4 3 2 1



- 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 .085 OZ [2.40 G] OR [.95 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)

* 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: 422C7 WEDGELOCK DATASHEET 0.225 X 0.225	
X.XX ± 0.010"		DRAWN	10/1/2021		
X.XXX ± 0.005"		CHECKED			
ANGULAR ± 1°		ENG APPR.	10/1/2021		
MACHINED SURFACES ⁶³		MFG APPR.		REV 21A	
INTERPRET GEOMETRIC TOLERANCES PER: ASME Y14.5M-1994		Q.A.			
MATERIAL: SEE PART DETAIL		SIZE	DWG NO.	SCALE 1:1	
FINISH: SEE FINISH TABLE		B	422C7-DS		
DO NOT SCALE DRAWING		CAGE CODE:	3E7U8	SHEET 1 OF 2	
MODEL_INFO: 422C SERIES MASTER		SCALE 1:1			

8 7 6 5 4 3 2 1

[LLL] LENGTH TABLE		
ASSY LENGTH [LLL]	[H] MTG X	[C] OPITON X/2
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
830	6.400	3.200
880	6.900	3.450
930	7.400	3.700
980	7.900	3.950

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

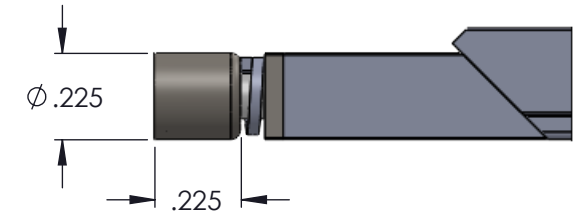
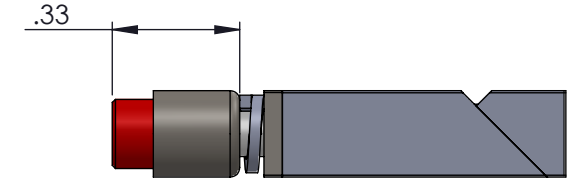
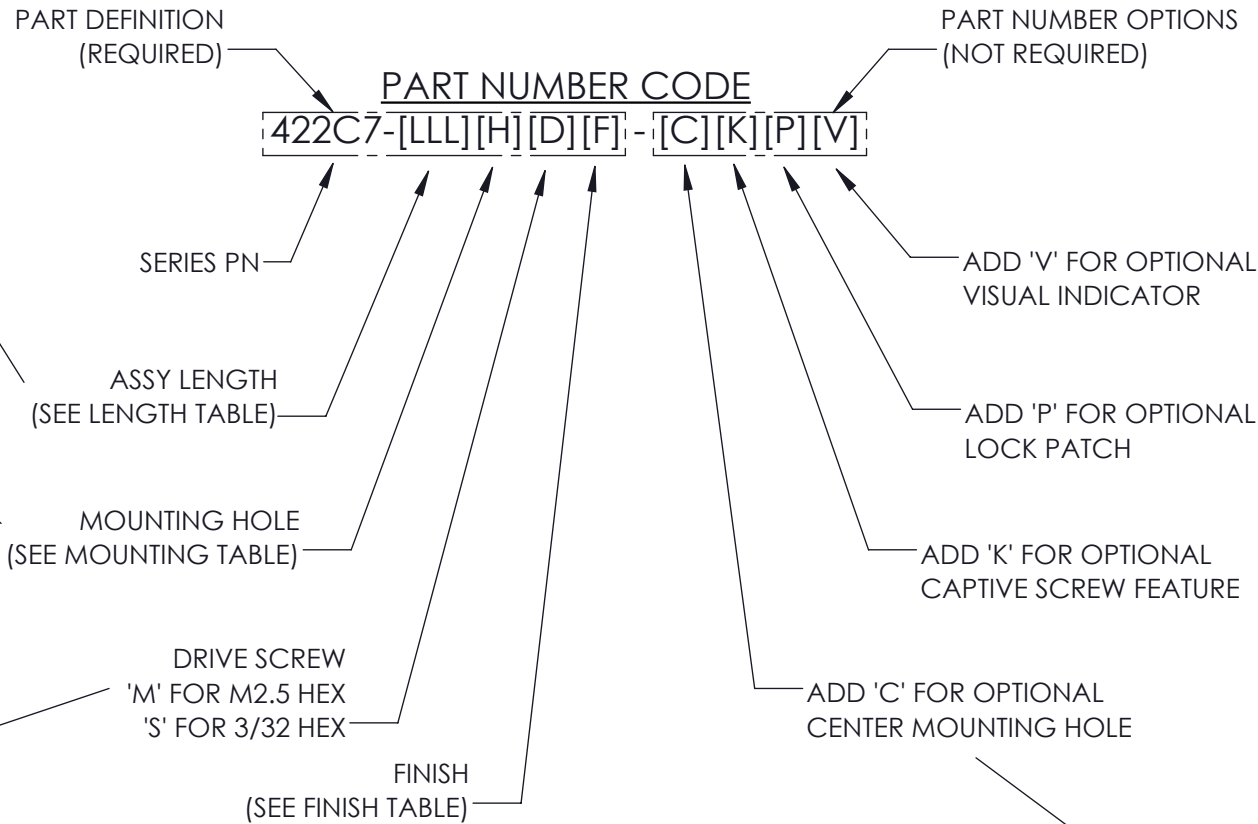
THREAD DEPTH .215

[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)

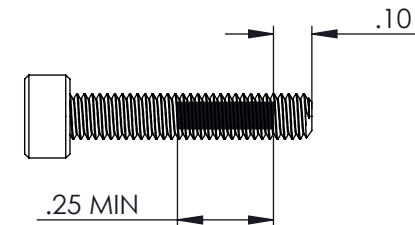
- NOTES:
- $\triangle 1$ SHIP AS COMPLETE ASSEMBLY IN RELAXED STATE
(IF RIVET MOUNTING OPTION IS SELECTED, SHIP UNASSEMBLED)
 - $\triangle 2$ NOT RECOMMENDED, REVIEW WITH FACTORY

EXAMPLE
 422C7-480SSB-CKP
 422C7 WEDGELOCK ASSEMBLY
 4.80" LENGTH, 2-56 MTG, 3/32 SOCKET HEAD, BLACK ANODIZE
 CENTER MTG HOLE, CAPTIVE SCREW, LOCK PATCH

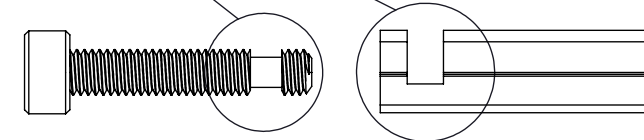
PART NUMBER CODE
 422C7-[LLL][H][D][F]-[C][K][P][V]



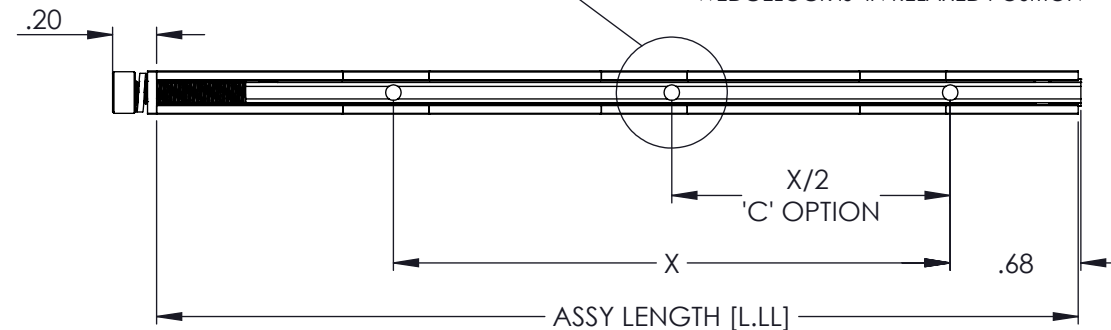
'V' OPTION
 VISUALLY CONFIRMS LOCKED IN PLACE WHEN RED SCREW HEAD IS CONCEALED



'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