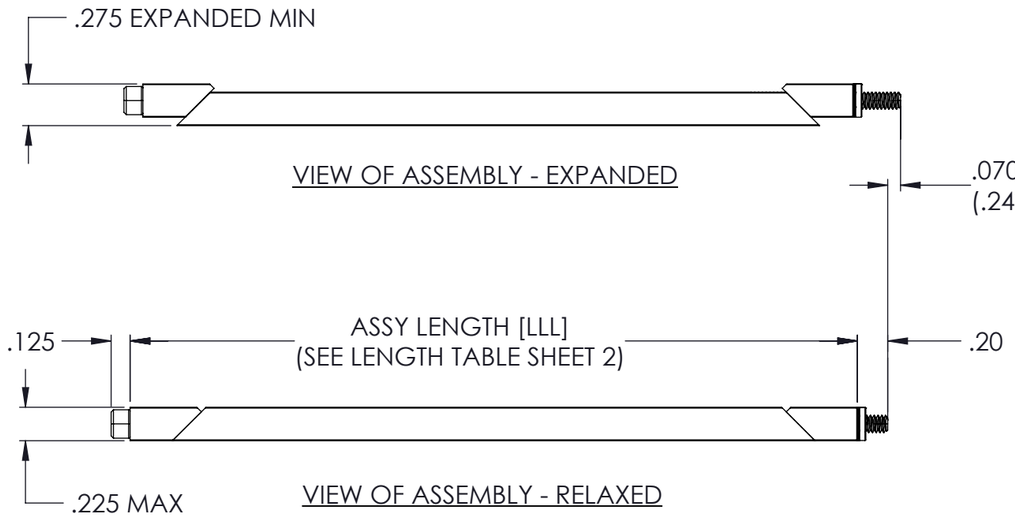
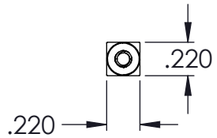
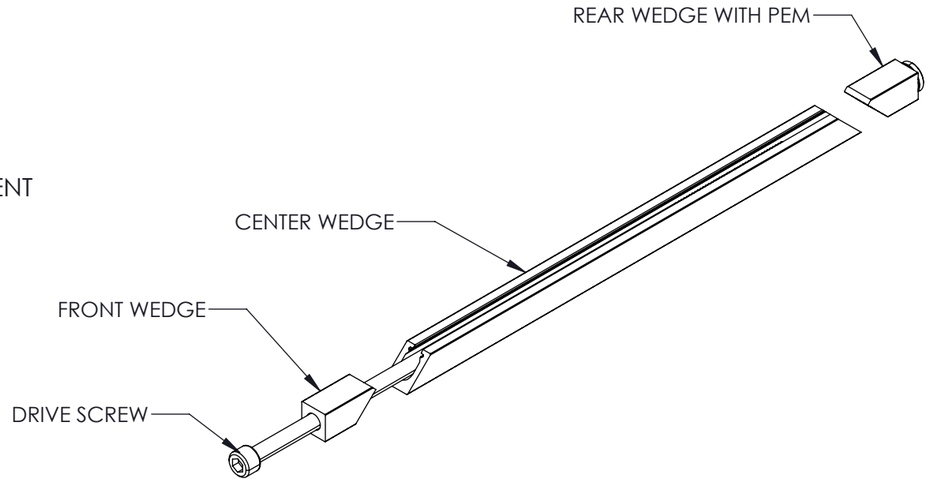
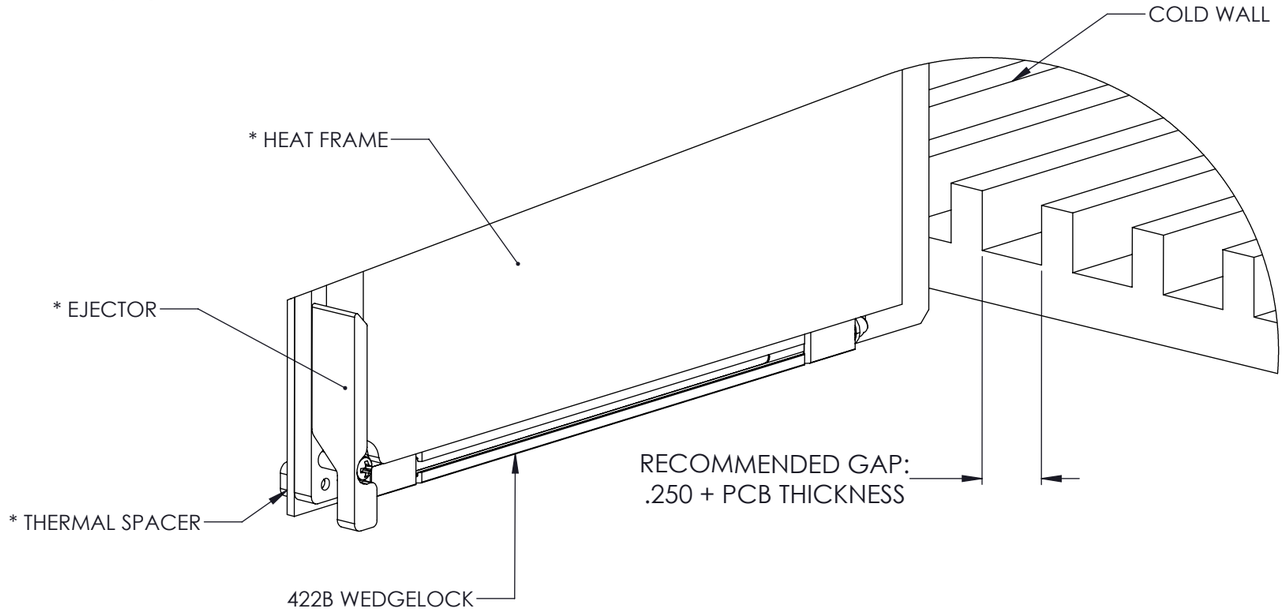








FEATURES

- DESIGNED FOR HEAVY SHOCK AND VIBRATION.
- UNIFORM CLAMPING FORCE AND HIGH THERMAL TRANSFER.
- NARROW WIDTH FOR MAXIMUM PCB COMPONENT AREA.
- 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
WEDGES: ALUMINUM 6061-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

TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.XX ± 0.010"
X.XXX ± 0.005"
ANGULAR ±1°
MACHINED SURFACES 63
INTERPRET GEOMETRIC TOLERANCES PER: ASME Y14.5M-1994
MATERIAL: SEE PART DETAIL
FINISH: SEE FINISH TABLE
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TSF	11/11/2021
CHECKED	.	.
ENG APPR.		11/11/2021
MFG APPR.	.	.
Q.A.	.	.

WAKEFIELD | HERVAL
2910 INDUSTRIAL DRIVE, RALEIGH, NC 27609

TITLE:
422B
WEDGELOCK DATASHEET
.220 X .220

SIZE B | DWG NO. 422B-DS | REV 21A
CAGE CODE: 3E7U8 | SCALE 1:1 | SHEET 1 OF 2

MODEL_INFO:
422B-480SSX-00

[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
OTHER LENGTHS AVAILABLE UPON REQUEST		

EXAMPLE

422B-480UMG-CP
422B WEDGELOCK ASSEMBLY
4.80" LENGTH, M2 MTG, M2.5 SOCKET HEAD, GOLD CHROMATE
CENTER MTG HOLE, LOCK PATCH

PART NUMBER CODE

422B-[LLL][H][D][F]-[C][W][N][P][V]

PART DEFINITION (REQUIRED)

PART NUMBER OPTIONS (NOT REQUIRED)

SERIES PN

ASSY LENGTH (SEE LENGTH TABLE)

MOUNTING HOLE (SEE MOUNTING TABLE)

DRIVE SCREW
'M' FOR M2.5 HEX
'S' FOR 3/32 HEX

FINISH (SEE FINISH TABLE)

ADD 'V' FOR OPTIONAL VISUAL INDICATOR

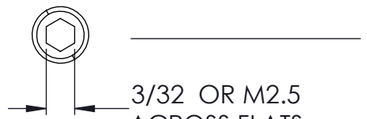
ADD 'P' FOR OPTIONAL LOCK PATCH

OPTIONAL LOCK NUT
ADD 'A' FOR MS21043-04 SILVER PLATED A286 SS
ADD 'N' FOR MS21042-04 CADMIUM PLATED STEEL

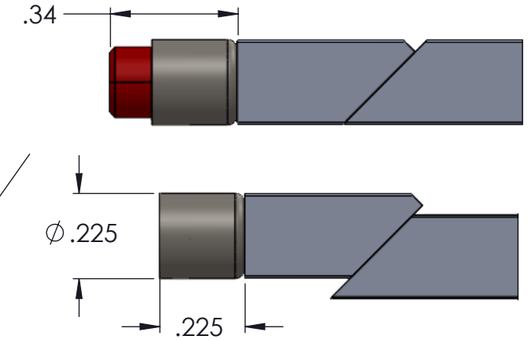
ADD 'W' FOR OPTIONAL LOCK AND FLAT WASHER

ADD 'C' FOR OPTIONAL CENTER MOUNTING HOLE

[H] MOUNTING TABLE	
DASH NO	DESCRIPTION
A	NO MOUNTING HOLES
1 R	∅0.068/0.073 THRU ⌴ ∅.156 X ↧.16 ∨ ∅0.140 X 100°
T	#0-80 UNF-2B THREADS
S	#2-56 UNC-2B THREADS
U	M2 X 0.4 - 6H THREADS
M	M2.5 X 0.45 - 6H THREADS
THREAD DEPTH ~0.50" THRU	

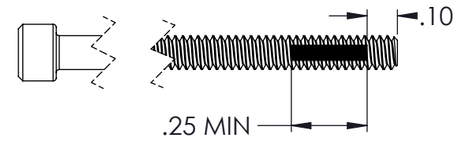


[F] FINISH TABLE	
DASH NO	DESCRIPTION
A	NO FINISH
G	CHROMATE PER MIL-DTL-5541, CLASS 1A, TYPE I (GOLD)
T	TRIVALENT CHROMATE PER MIL- DTL-5541, CLASS 1A, TYPE II (CLEAR), RoHS COMPLIANT
B	BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2
H	HARD BLACK ANODIZE PER MIL-A-8625, TYPE III, CLASS 2
D	HARD BLACK 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)



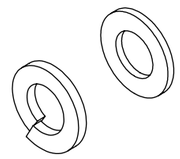
'V' OPTION

VISUALLY CONFIRMS LOCKED IN PLACE
WHEN RED SCREW HEAD IS CONCEALED



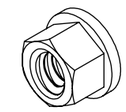
'P' OPTION

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



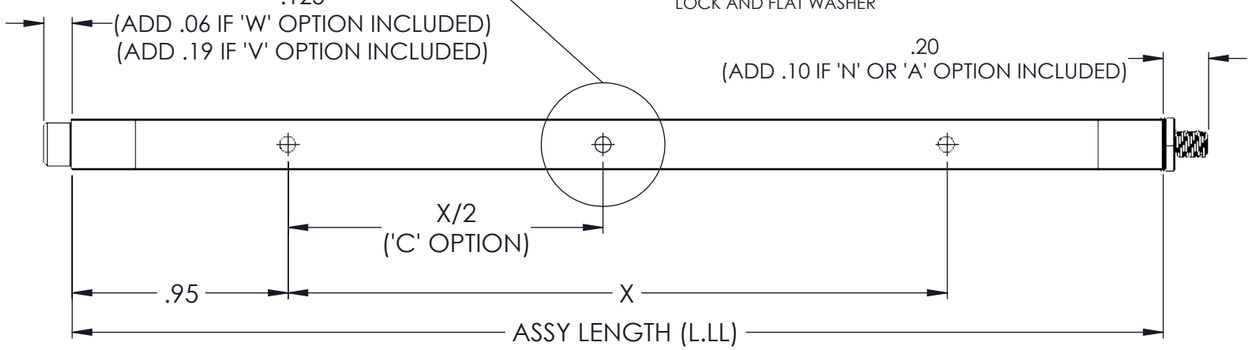
'W' OPTION

LOCK AND FLAT WASHER



'A' OR 'N' OPTION

PREVENTS DISASSEMBLY OF
REAR WEDGE FROM SCREW



BOTTOM VIEW

NOTES:

1. SHIP AS COMPLETE ASSEMBLY IN RELAXED STATE
   (IF RIVET MOUNTING OPTION IS SELECTED, SHIP UNASSEMBLED)

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SIZE	DWG NO.	REV
B	422B-DS	21A
CAGE CODE: 3E7U8	SCALE 1:1	SHEET 2 OF 2

MODEL_INFO:
422B-480SSX-00