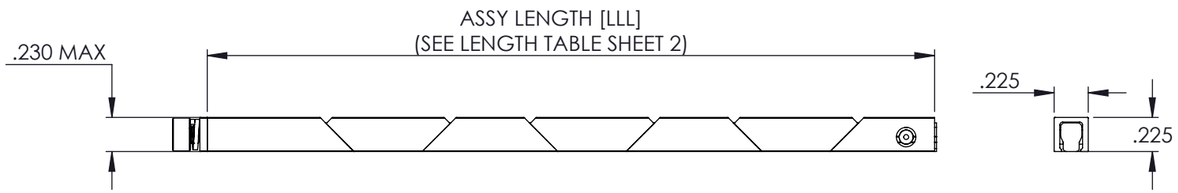
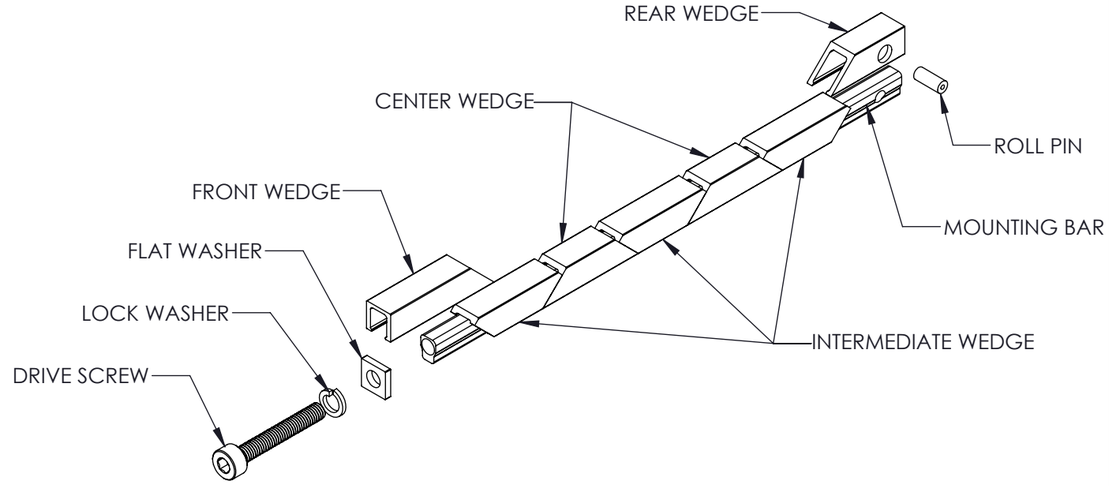
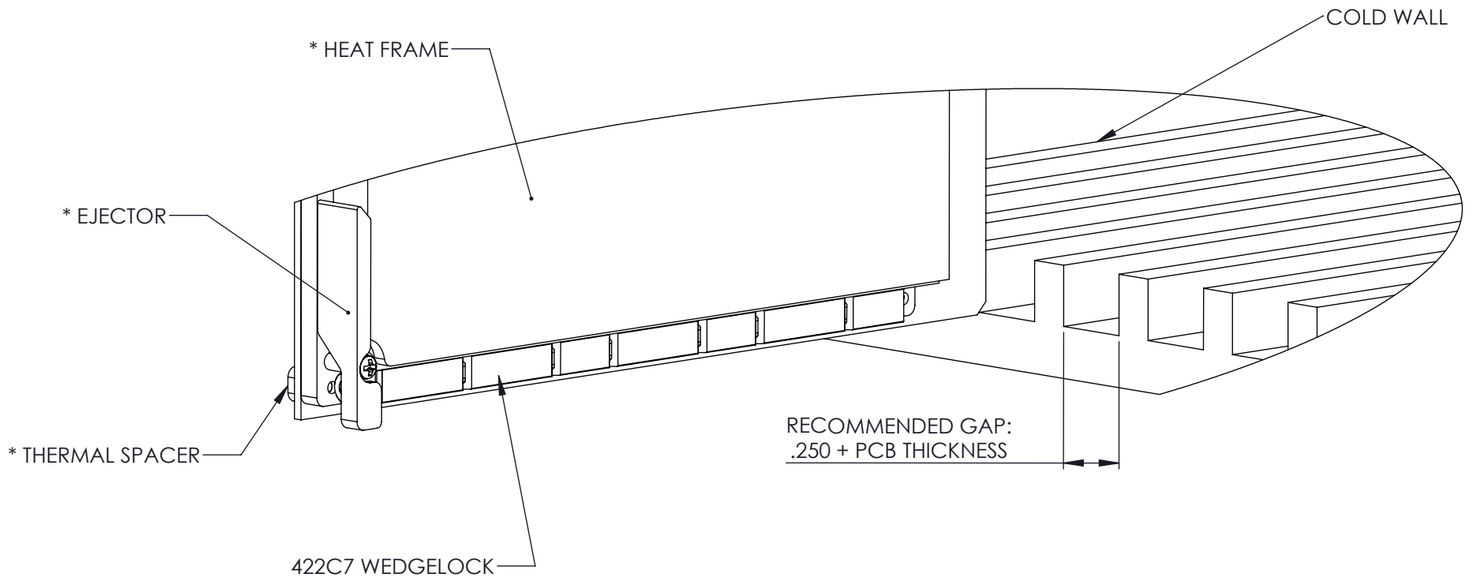


VIEW OF ASSEMBLY - EXPANDED



VIEW OF ASSEMBLY - RELAXED





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)
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

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		3/9/2023
CHECKED	.	.
ENG APPR.		3/9/2023
MFG APPR.	.	.
Q.A.	.	.

WAKEFIELD | HERMAL
2910 INDUSTRIAL DRIVE, RALEIGH, NC 27609

TITLE:
422C7
WEDGELOCK DATASHEET
0.225 X 0.225

SIZE B | DWG NO. 422C7-DS | REV 23A
CAGE CODE: 3E7U8 | SCALE 1:1 | SHEET 1 OF 2

MODEL_INFO:
422C SERIES MASTER

[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
1 R	⌀0.068/0.073 THRU ⌵ ⌀0.213 X 100°
T	#0-80 UNF-2B THREADS
S	#2-56 UNC-2B THREADS
U	M2 X 0.4 - 6H THREADS
2 M	M2.5 X 0.45 - 6H THREADS
THREAD DEPTH .190	

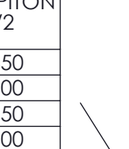
EXAMPLE

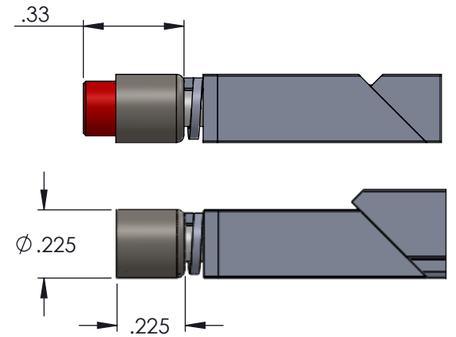
422C7-480SSB-CKP
422C7 WEDGELOCK ASSEMBLY
4.80" LENGTH, 2-56 MTG, 3/32 SOCKET HEAD, BLACK ANODIZE
CENTER MTG HOLE, CAPTIVE SCREW, LOCK PATCH

PART NUMBER CODE

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

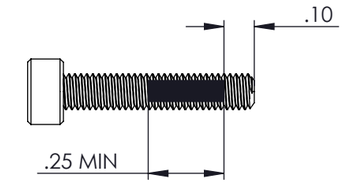
- PART DEFINITION (REQUIRED)
- PART NUMBER OPTIONS (NOT REQUIRED)
- SERIES PN
- ASSY LENGTH (SEE LENGTH TABLE)
- MOUNTING HOLE (SEE MOUNTING TABLE)
- DRIVE SCREW 'M' FOR M2.5 HEX 'S' FOR 3/32 HEX
- FINISH (SEE FINISH TABLE)
- ADD 'V' FOR OPTIONAL VISUAL INDICATOR
- ADD 'P' FOR OPTIONAL LOCK PATCH
- ADD 'K' FOR OPTIONAL CAPTIVE SCREW FEATURE
- ADD 'C' FOR OPTIONAL CENTER MOUNTING HOLE





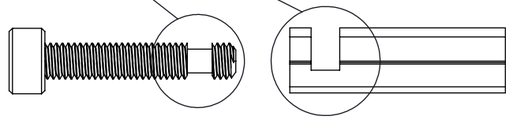
'V' OPTION

VISUALLY CONFIRMS LOCKED IN PLACE
WHEN RED SCREW HEAD IS CONCEALED



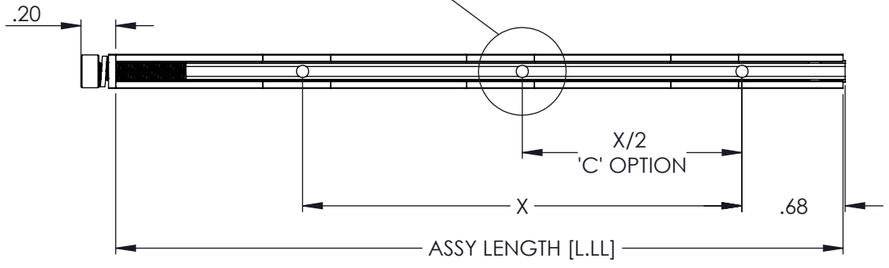
'P' OPTION

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

[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:

1. SHIP AS COMPLETE ASSEMBLY IN RELAXED STATE
   (IF RIVET MOUNTING OPTION IS SELECTED, SHIP UNASSEMBLED)
2. NOT RECOMMENDED, REVIEW WITH FACTORY

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SIZE	DWG NO.	REV
B	422C7-DS	23A
CAGE CODE: 3E7U8	SCALE 1:1	SHEET 2 OF 2

MODEL_INFO:
422C SERIES MASTER