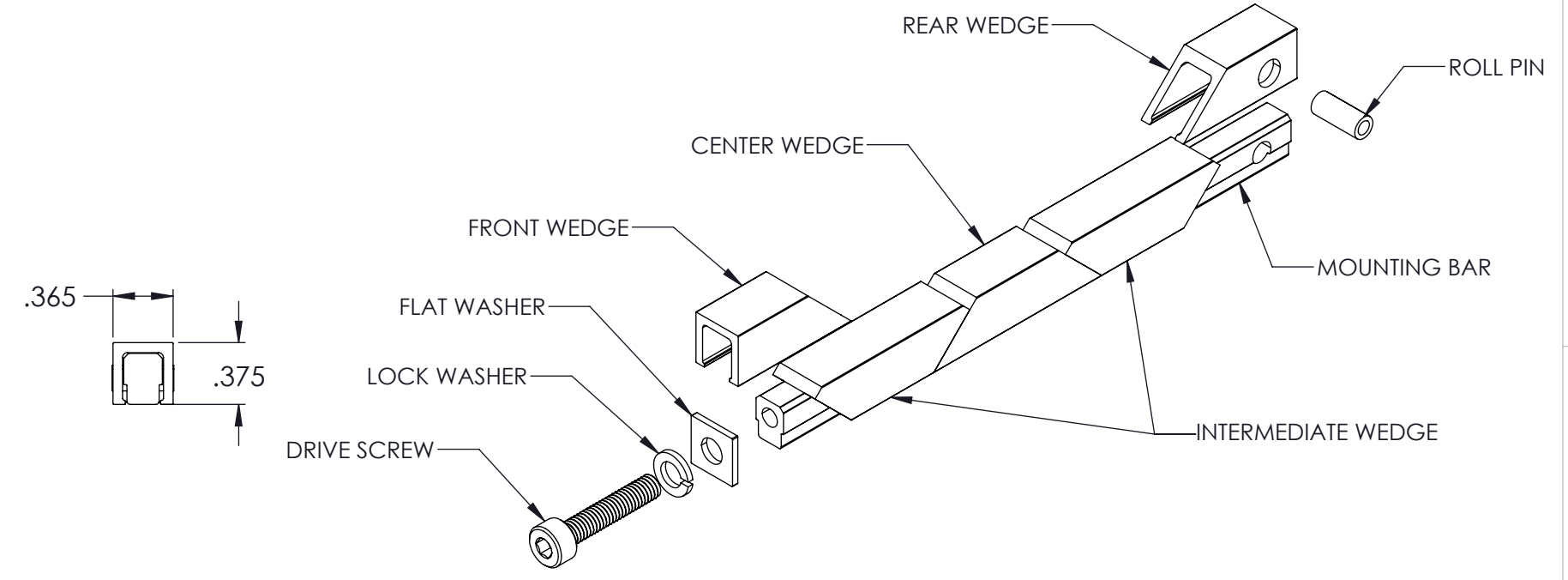
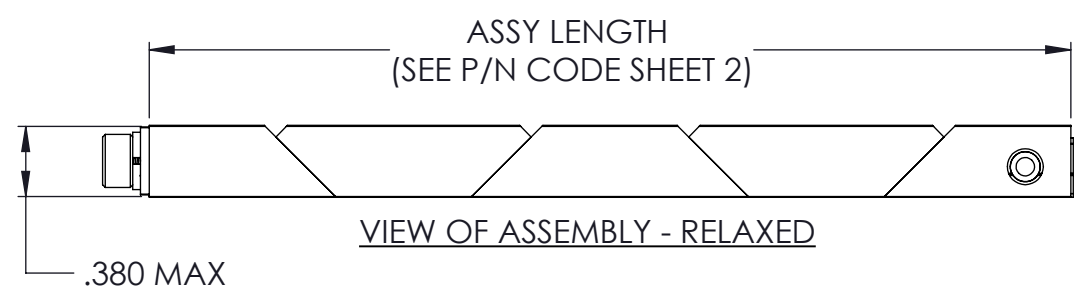
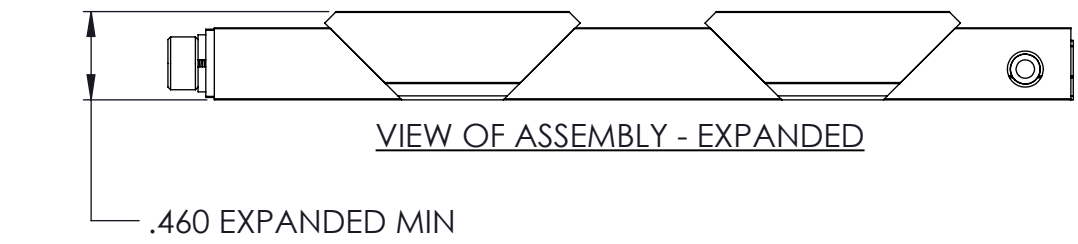


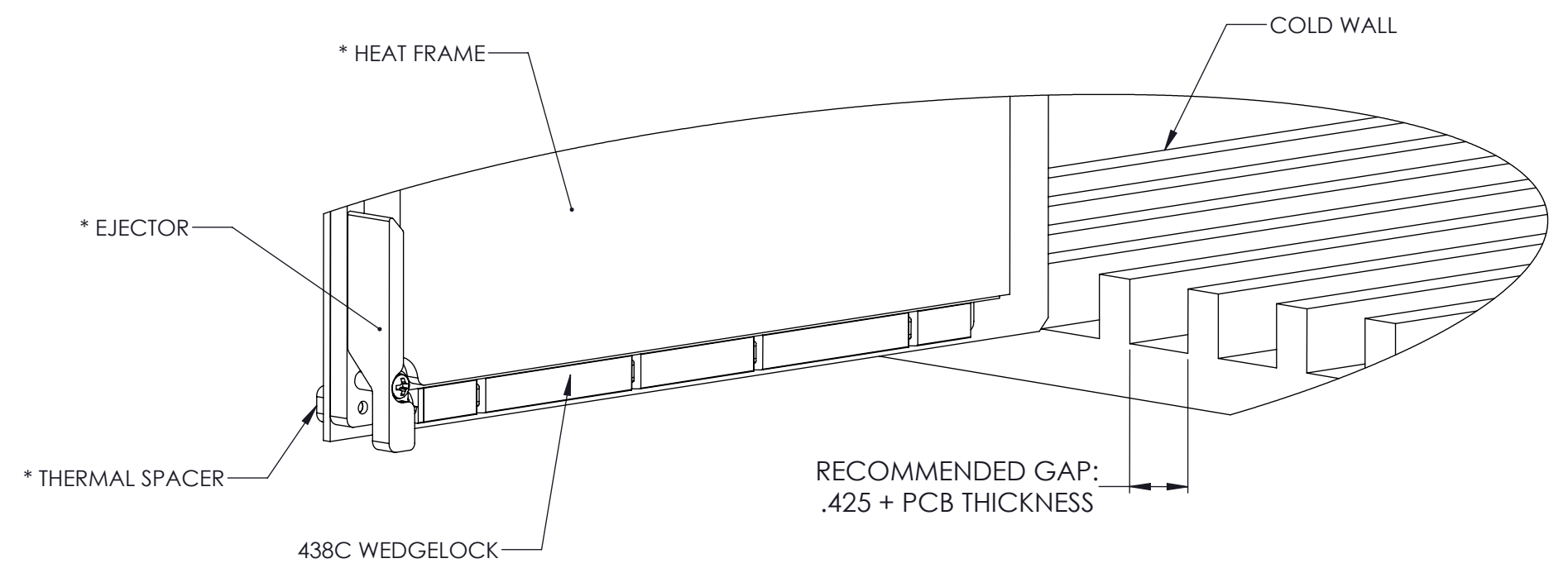
8 7 6 5 4 3 2 1

D



C

B



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 .195 OZ [5.53 G] OR [2.18 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 20 IN-LBS (2.3 N-M)

* 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	NAME	DATE	 2910 INDUSTRIAL DRIVE, RALEIGH, NC 27609 TITLE: 438C WEDGELOCK DATASHEET .375 X .365 REV 21A
	DRAWN	10/1/2021	
	CHECKED	.	
	ENG APPR.	10/1/2021	
INTERPRET GEOMETRIC TOLERANCES PER: ASME Y14.5M-1994	MFG APPR.	.	
MATERIAL: SEE PART DETAIL	Q.A.	.	
FINISH: SEE FINISH TABLE	SIZE DWG NO.	B 438C-DS	
DO NOT SCALE DRAWING	CAGE CODE:	3E7U8	SCALE 1:1
MODEL_INFO: 438C-480MMx-00.STEP			SHEET 1 OF 2

8 7 6 5 4 3 2 1

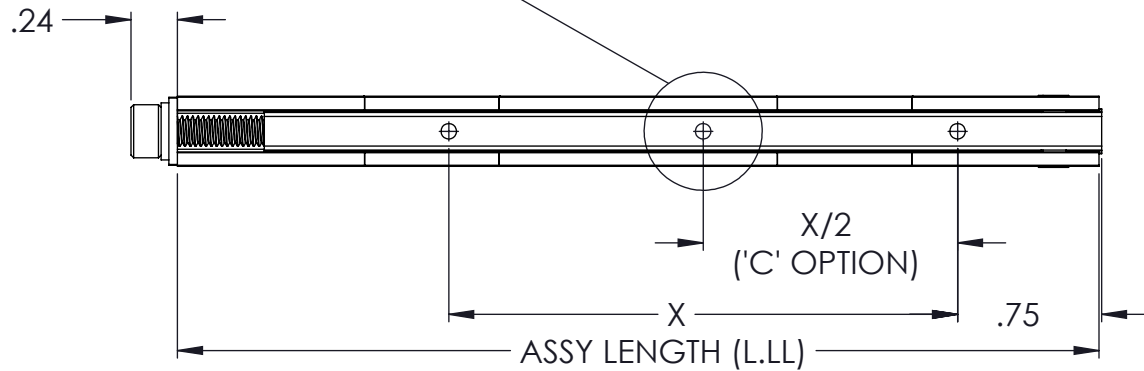
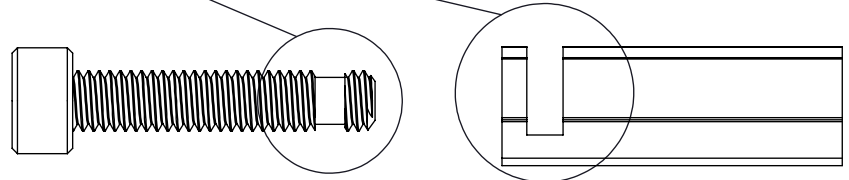
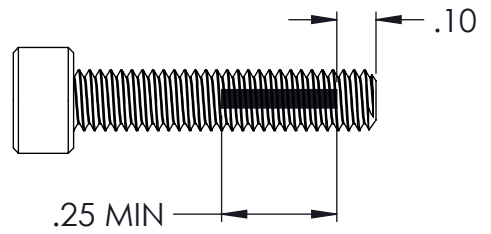
[LLL] LENGTH TABLE		
ASSY LENGTH [LLL]	[H] MTG X	[C] OPITON X/2
480	2.650	1.325
530	3.150	1.575
580	3.650	1.825
630	4.150	2.075
680	4.650	2.325
730	5.150	2.575
780	5.650	2.825
OTHER LENGTHS AVAILABLE UPON REQUEST		

[H] MOUNTING TABLE	
DASH NO	DESCRIPTION
A	NO MOUNTING HOLES
\triangle R	ϕ 0.134/0.139 THRU \checkmark ϕ 0.309 X 60°
T	#0-80 UNF-2B THREADS
S	#2-56 UNC-2B THREADS
V	#4-40 UNC-2B THREADS
U	M2 X 0.4 - 6H THREADS
M	M2.5 X 0.45 - 6H THREADS
Y	M3 X 0.5 - 6H THREADS
THREAD DEPTH .310	

[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
 438C-480SSB-CKP
 438C WEDGELOCK ASSEMBLY
 4.80" LENGTH, 2-56 MTG, 9/64 SOCKET HEAD, BLACK ANODIZE
 CENTER MTG HOLE, CAPTIVE SCREW, LOCK PATCH

PART NUMBER CODE
 438C-[LLL][H][D][F] - [C][K][P]



PART DEFINITION (REQUIRED)

PART NUMBER OPTIONS (NOT REQUIRED)

SERIES PN

ASSY LENGTH (SEE LENGTH TABLE)

MOUNTING HOLE (SEE MOUNTING TABLE)

DRIVE SCREW
'M' FOR M3 HEX
'S' FOR 9/64 HEX

FINISH (SEE FINISH TABLE)

ADD 'P' FOR OPTIONAL LOCK PATCH

ADD 'K' FOR OPTIONAL CAPTIVE SCREW FEATURE

ADD 'C' FOR OPTIONAL CENTER MOUNTING HOLE

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

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SIZE B	DWG NO. 438C-DS	REV 21A
CAGE CODE: 3E7U8	SCALE 1:1	SHEET 2 OF 2

MODEL_INFO:
438C-480MMx-00.STEP