

CONNECTOR PART NUMBER BUILD

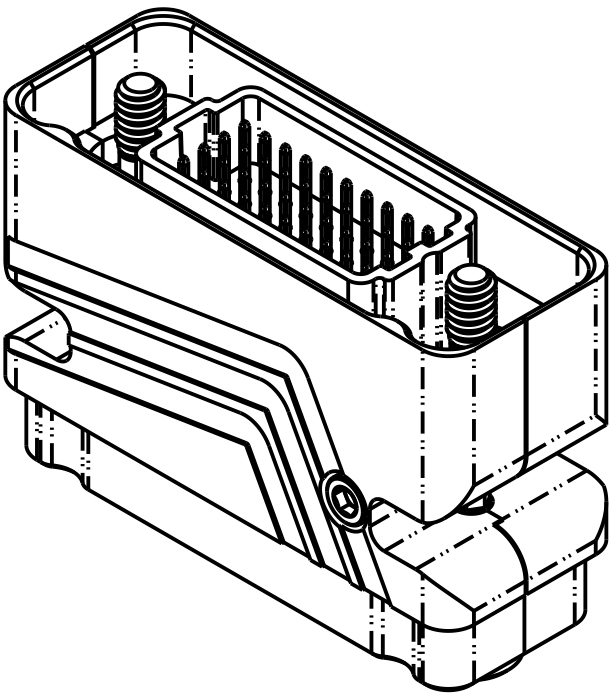
SAMPLE PART NUMBER: VRCS-04-10-MJFN

VRCS-XX-XX-XXXX

HARDWARE OPTIONS		
	MALE SIDE	FEMAL SIDE
MJFN	JACKSCREW	JACKNUT
MNFJ	JACKNUT	JACKSCREW
MLFN	LOCKING SCREW	JACKNUT
MNFL	JACKNUT	LOCKING SCREW
MGFG	GUIDE PIN	GUIDE SOCKET

COLUMNS	
10	10 COLUMNS
20	20 COLUMNS
30	30 COLUMNS
40	40 COLUMNS
50	50 COLUMNS

ROWS	
04	4 ROWS
05	5 ROWS
06	6 ROWS
08	8 ROWS
10	10 ROWS



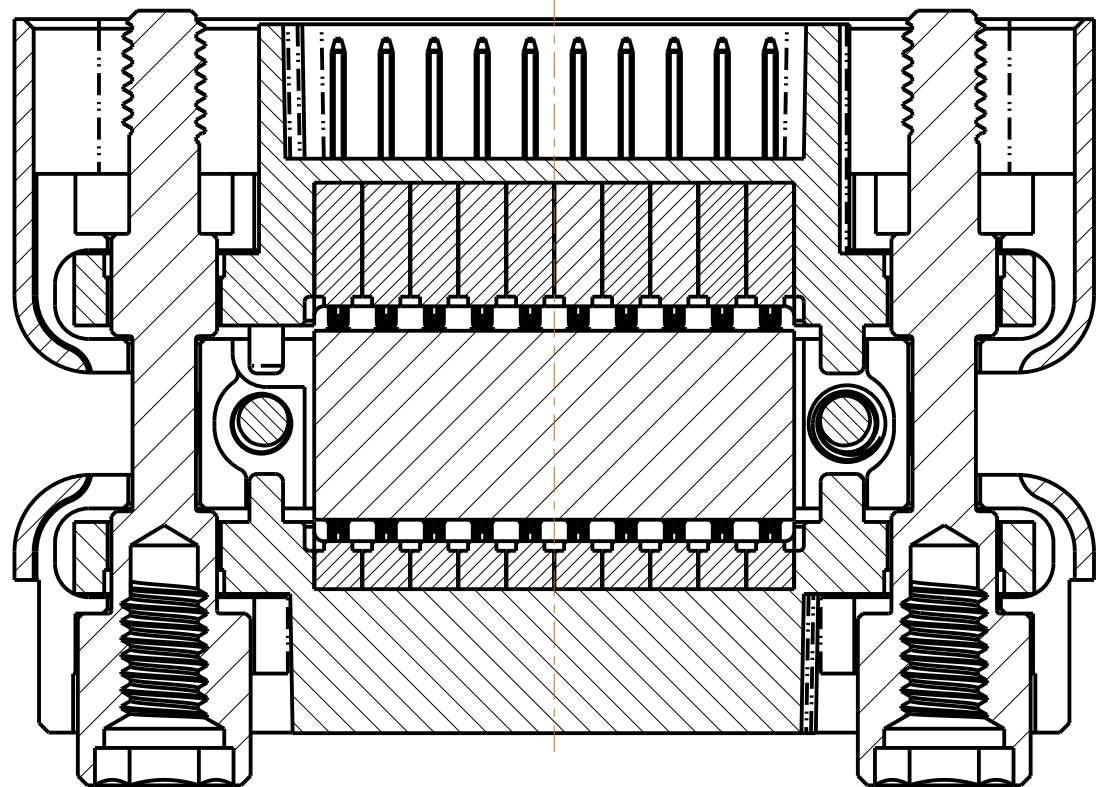
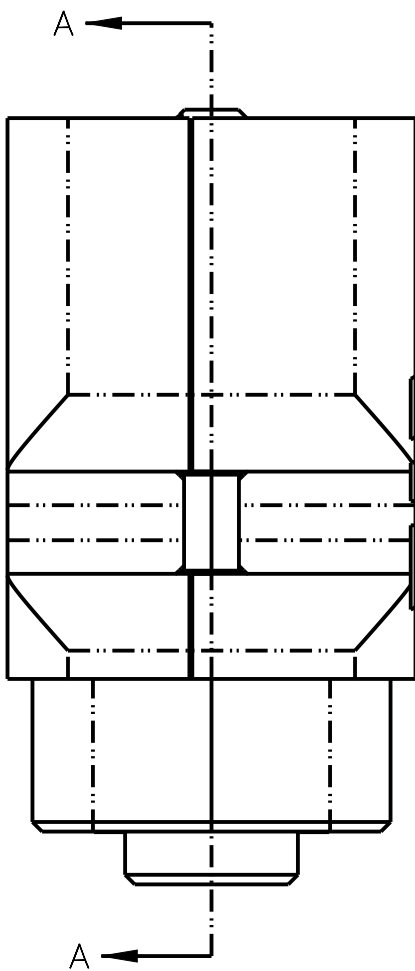
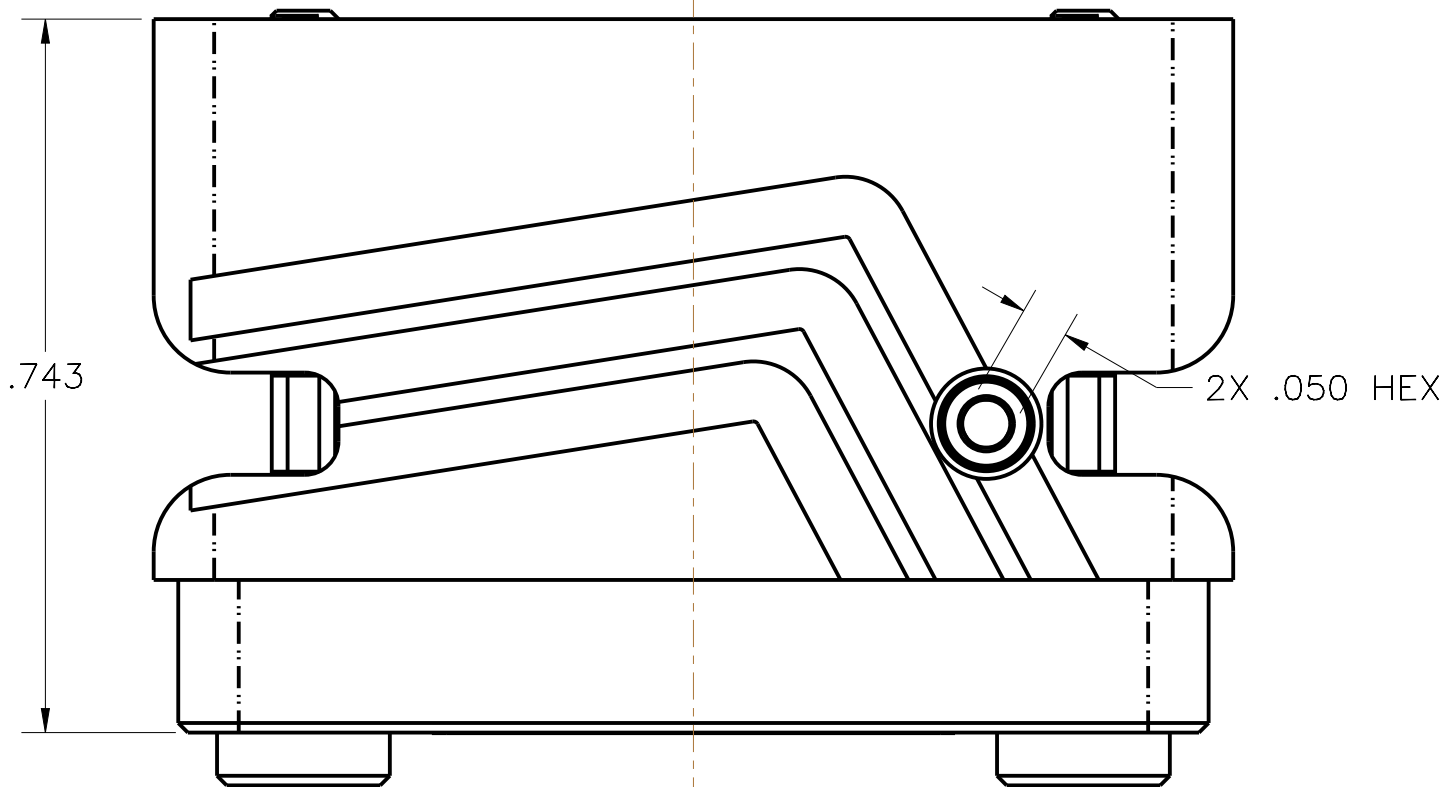
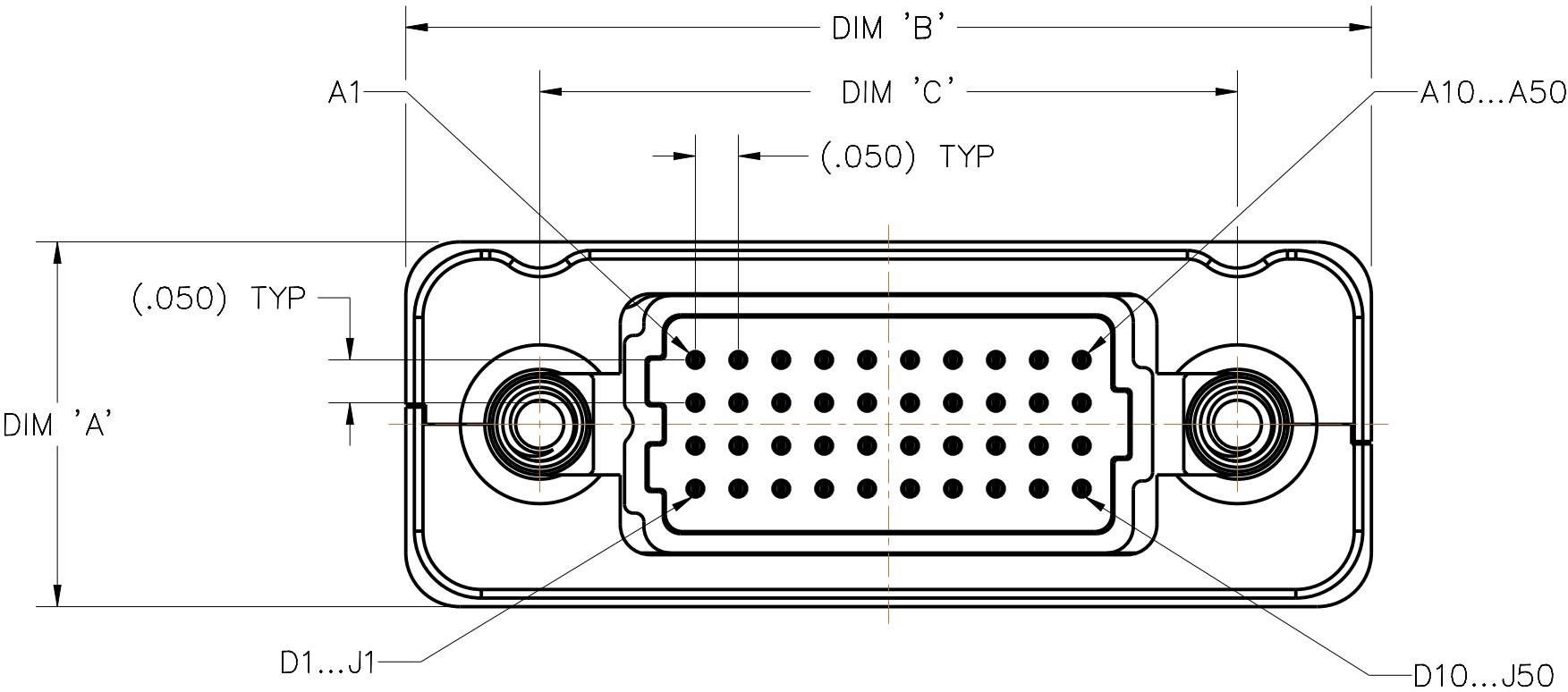
ISOMETRIC VIEW
FOR REFERENCE ONLY
(PART NUMBER VRCS-04-10-MJFN SHOWN)

MATERIAL AND FINISHES		
CONTACTS	PIN MATERIAL	BeCu PER ASTM B768
	SOCKET MATERIAL	BeCu PER ASTM B194
	FINISH	50µIN MIN LOCALIZED Au PER ASTM B488 TYPE II, CODE C OVER 50 µIN MIN Ni PER ASTM B689 TYPE 1
MOLDED INSULATORS	MATERIAL	GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138
SHELL	MATERIAL	ALUMINUM ALLOY 6061-T6 PER SAE AMS-4027 OR 6061-T6511 PER SAE AMS-QQ-A-200/8
	FINISH	500µIN MIN ELECTROLESS Ni PER SAE AMS-2404, CLASS 3
EMBEDMENT	MATERIAL	FREY ENG. CO. INSULATING COMPOUND CF3003-80 OR EQUIVALENT
MATING HARDWARE	MATERIAL	STAINLESS STEEL PER ASTM A484/A484M, ASTM A582/A582M, OR ASTM A320
	FINISH	PASSIVATED PER SAE AMS-2700
ASSEMBLY HARDWARE	SHCS MATERIAL	STAINLESS STEEL PER NAS1351
	SHCS FINISH	PASSIVATED PER NAS1351
	WASHER MATERIAL	STAINLESS STEEL PER NAS620
	WASHER FINISH	PASSIVATED PER NAS620
PCB	MATERIAL	ISOLA 185HR PCB LAMINATE
	FINISH	ELECTROLESS NICKEL IMMERSION GOLD PER IPS-6012/DS CLASS 3

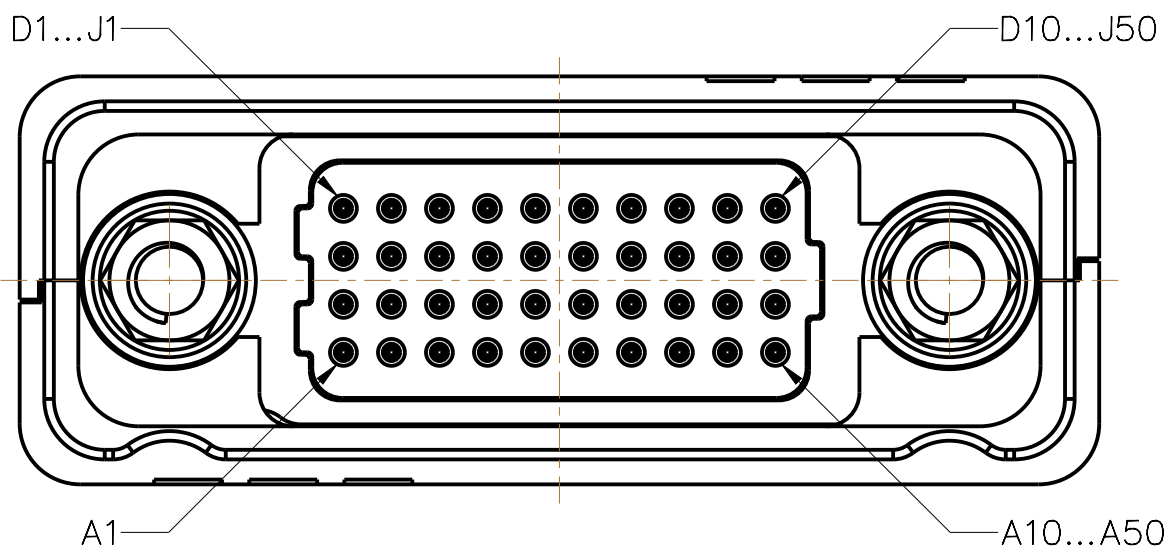


- NOTES:
- SEE AIRBORN SPEC ESL5001 FOR ADDITIONAL APPLICATION INFORMATION.
 - SEE SHEET 5 FOR REPLACEMENT HARDWARE KITS. HARDWARE IS INTERCHANGEABLE AND REVERSIBLE
 - PACKAGING: PARTS SUPPLIED IN THERMOFORMED TRAYS. CONNECTOR SUPPLIED FULLY ASSEMBLED
 - MATES WITH CONNECTOR SERIES: VRM, VRF, VRRAM, VRRAF, VRD, VRW

MATERIAL: SEE TABLE		UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE: Decimals: .XX ± 0.01 Concentricity: .002 T.I.R. Decimals: .XXX ± 0.005 Angles: ± 3° Decimals: .XXXX ± 0.0005 Radius: ± Parts are to be symmetrical about centerline within ± .002 Surfaces to be flat, perpendicular parallel within .002 T.I.R. Dimensions are in inches/DQ NOT SCALE PRINT Surface finish to be 32/ or better		AirBorn Little Falls, Minnesota 56345		Cage Code 10400	
HEAT TREAT: N/A Per Spec.: Certification required: NO		APPLICATION: verSI SERIES		DRAWING STATE: Released This drawing is not authorized for production unless it is released		☒ RELEASED	
FINISH: SEE TABLE Per Spec.: Certification required: NO		A	SEE ECN	RCS 082021	W65276	verSI SERIES CONNECTOR SAVER	
MAKE FROM: N/A NEXT ASSY: N/A		REV	DESCRIPTION	DR. BY DATE	ECO NO. APPD. BY	RUGGEDIZED	
		► = CRITICAL CHARACTERISTIC	THIRD ANGLE PROJECTION	REL. RCS 101918	APPD. TJW 101918	PRODUCT DRAWING	
		● = MAJOR CHARACTERISTIC				DWG# VRCS-XX-XX-XXXX	REV. A SHEET 1/5



SECTION A-A



ROWS	DIM 'A'
04	.425
05	.475
06	.525
08	.625
10	.725

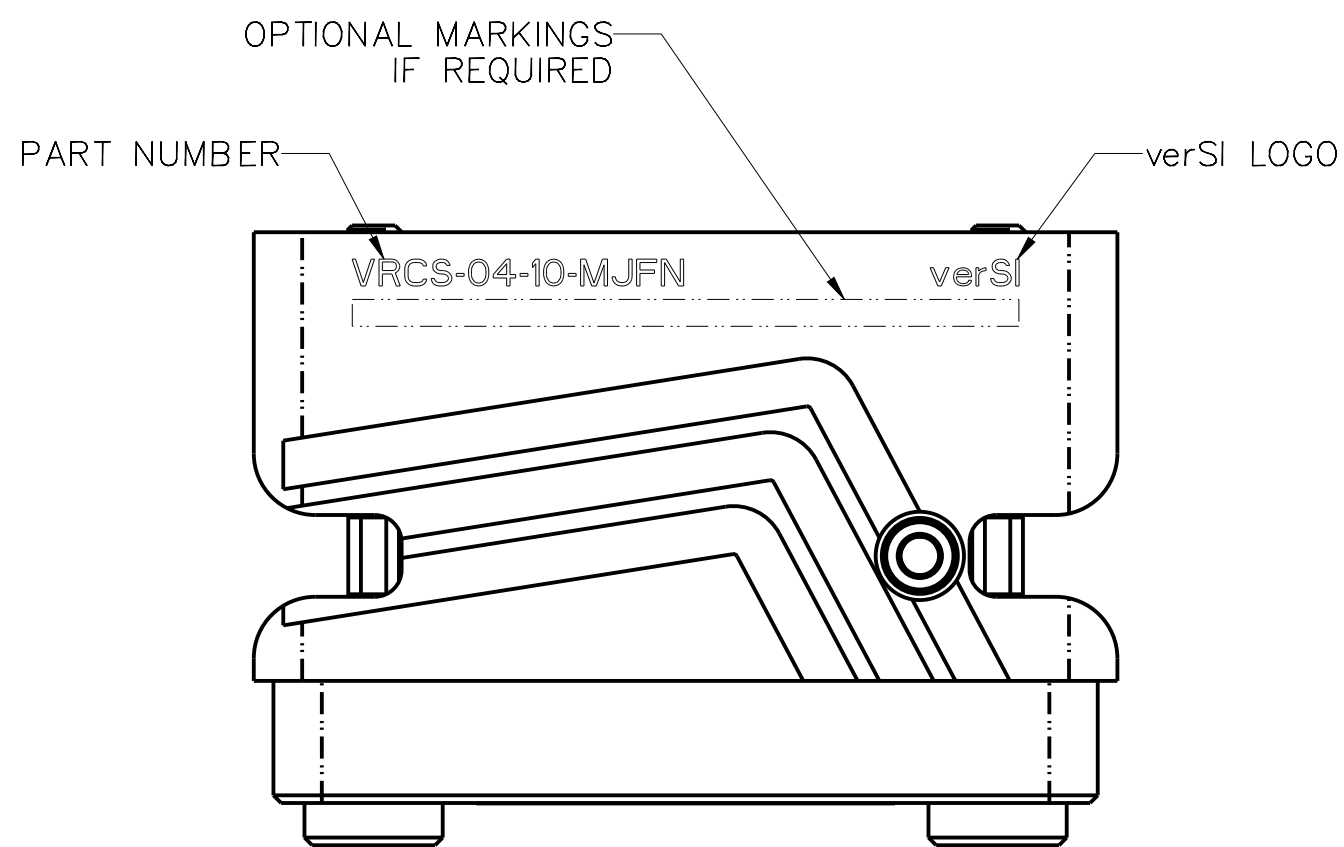
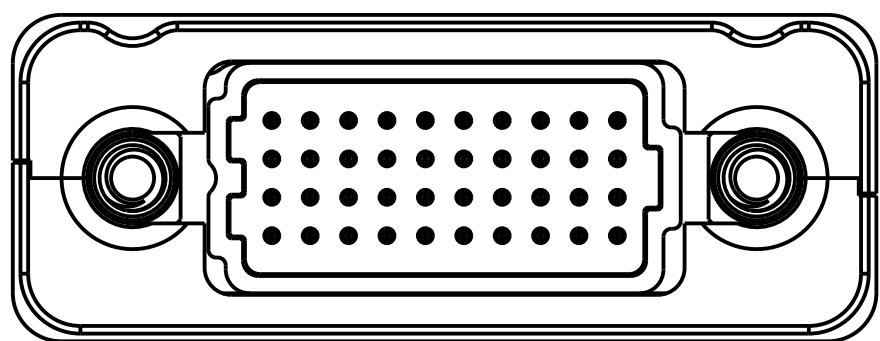
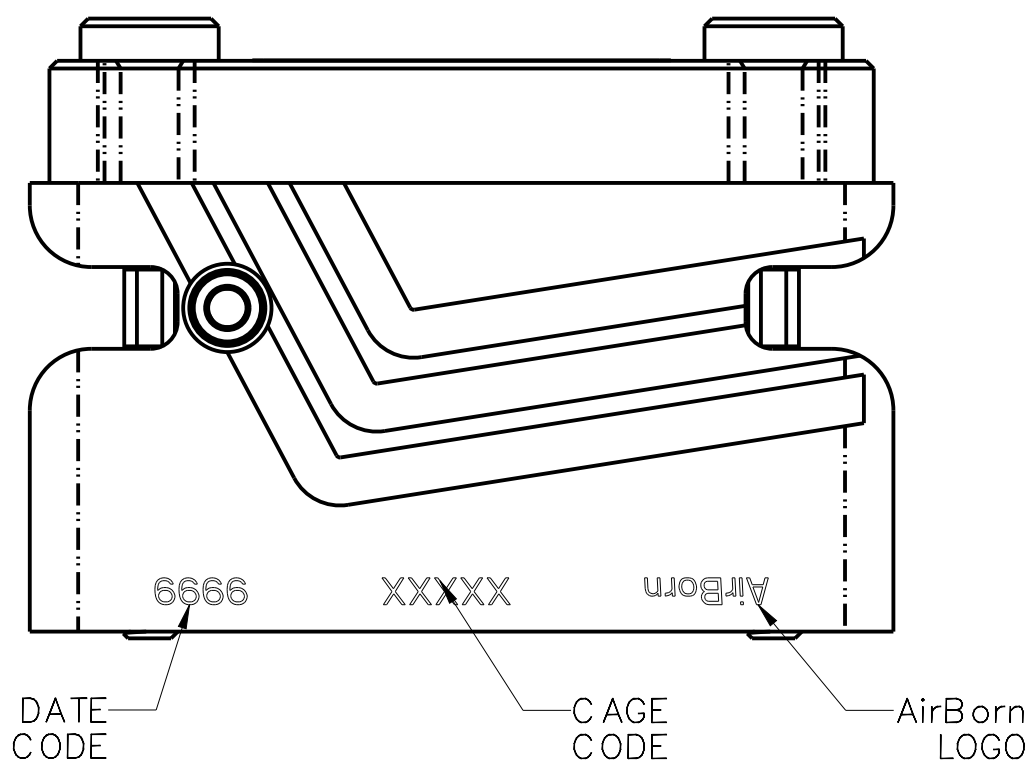
COLUMNS	DIM 'B'	DIM 'C'
10	1.125	.813
20	1.625	1.313
30	2.125	1.813
40	2.625	2.313
50	3.125	2.813

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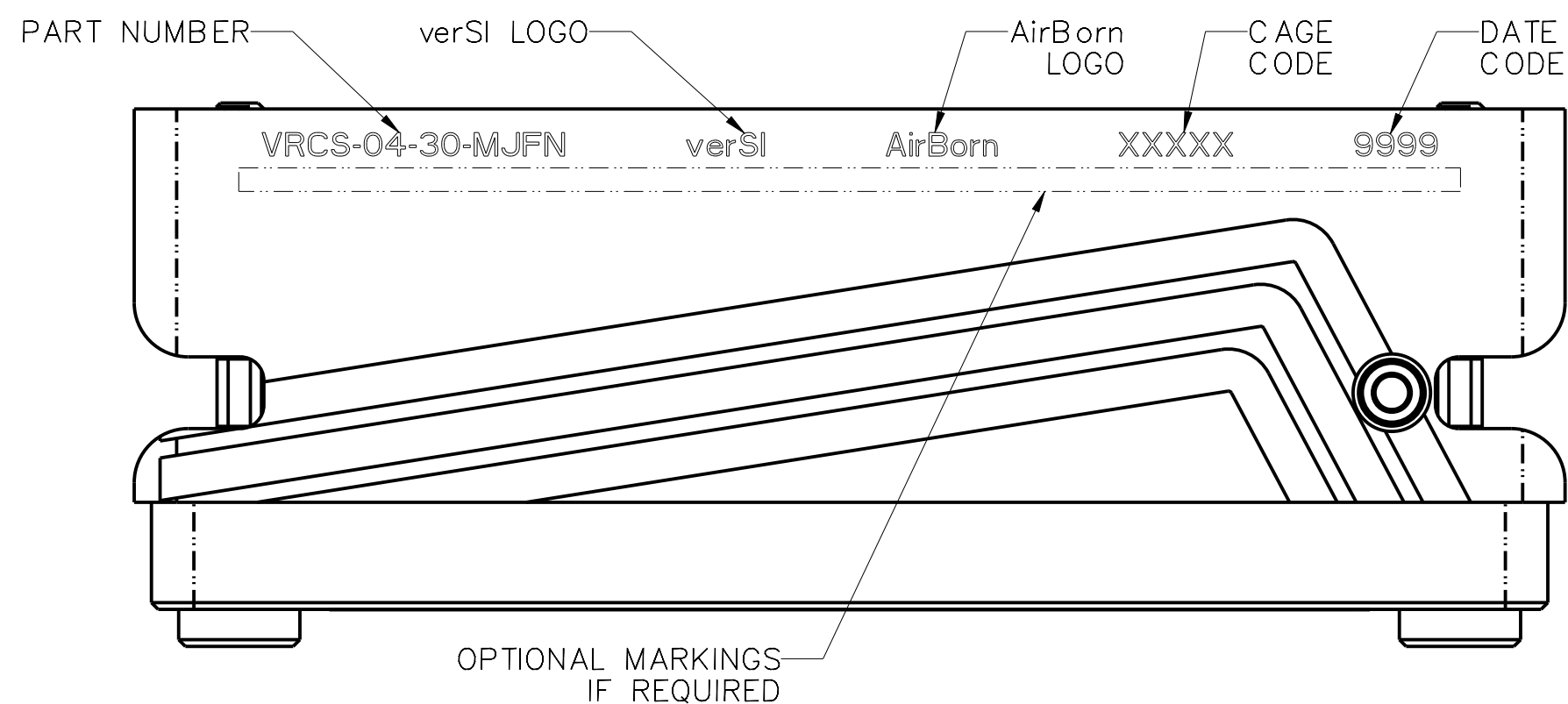
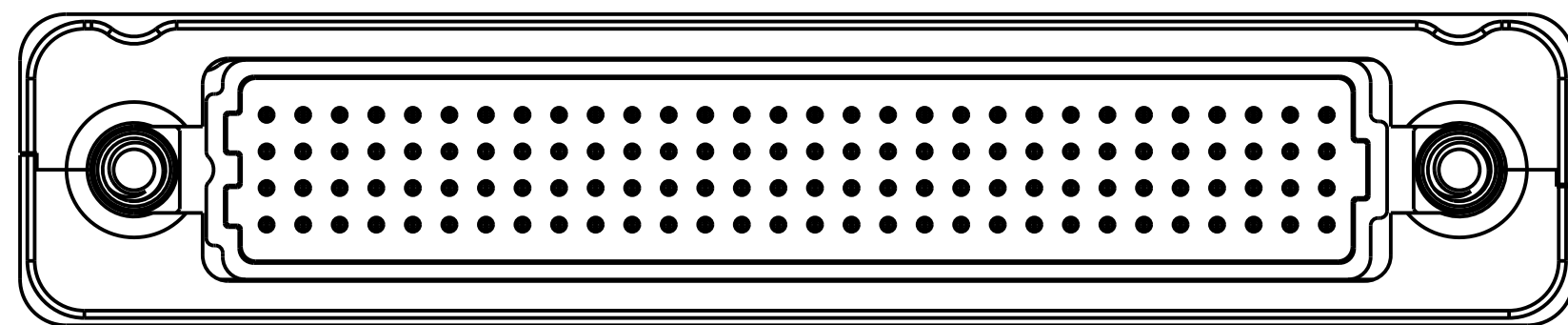
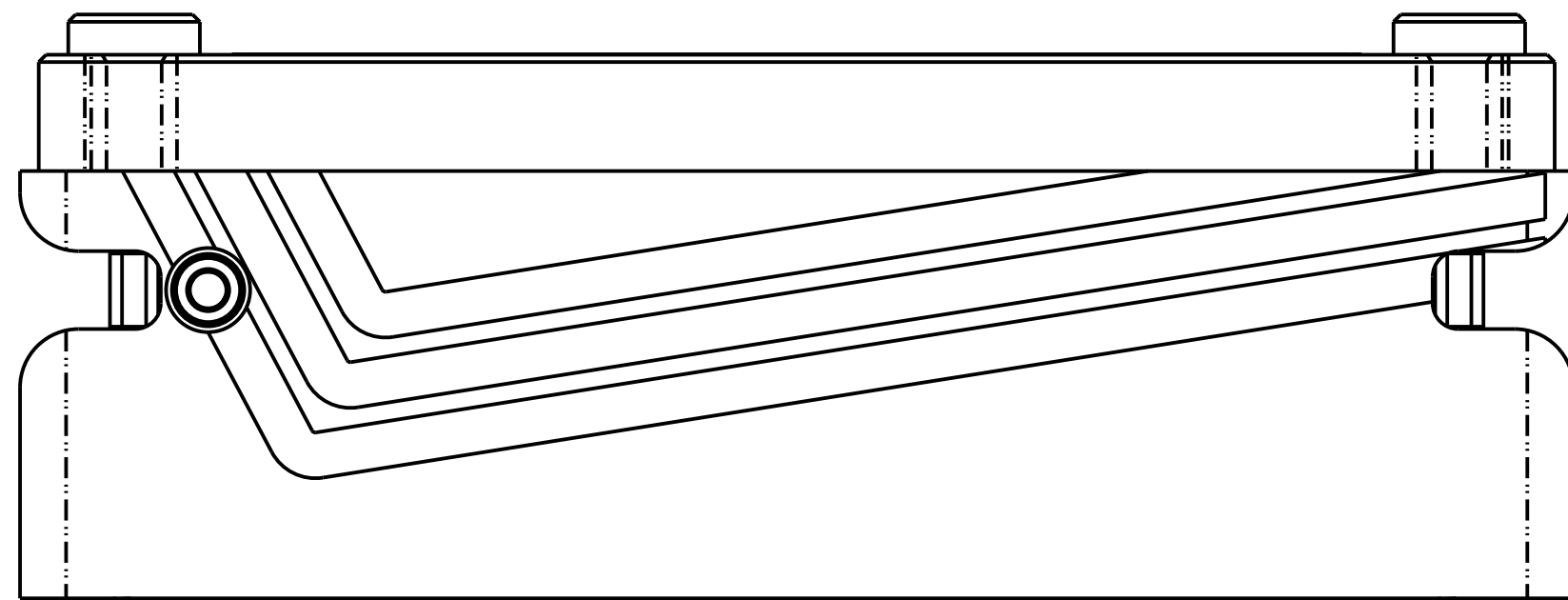
verSI SERIES CONNECTOR SAVER
RUGGEDIZED
PRODUCT DRAWING

DRAWING STATE: *Released* ☒ **RELEASED**
This drawing is not authorized for production unless it is released
DWG# VRCS-XX-XX-XXXX REV. A SHEET 2 / 5

SIZE
C

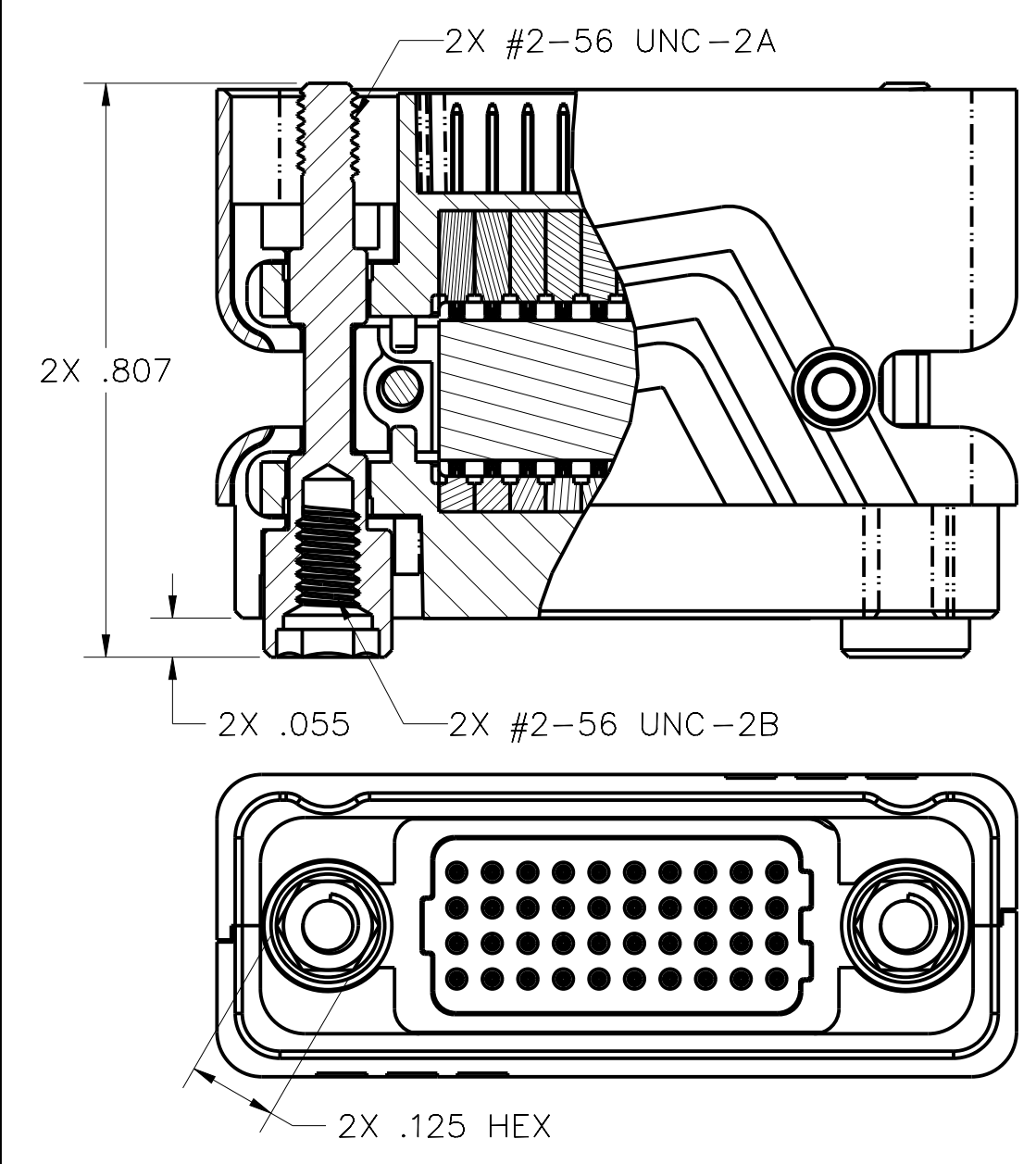


PART MARKING
(10 & 20 COLUMNS)

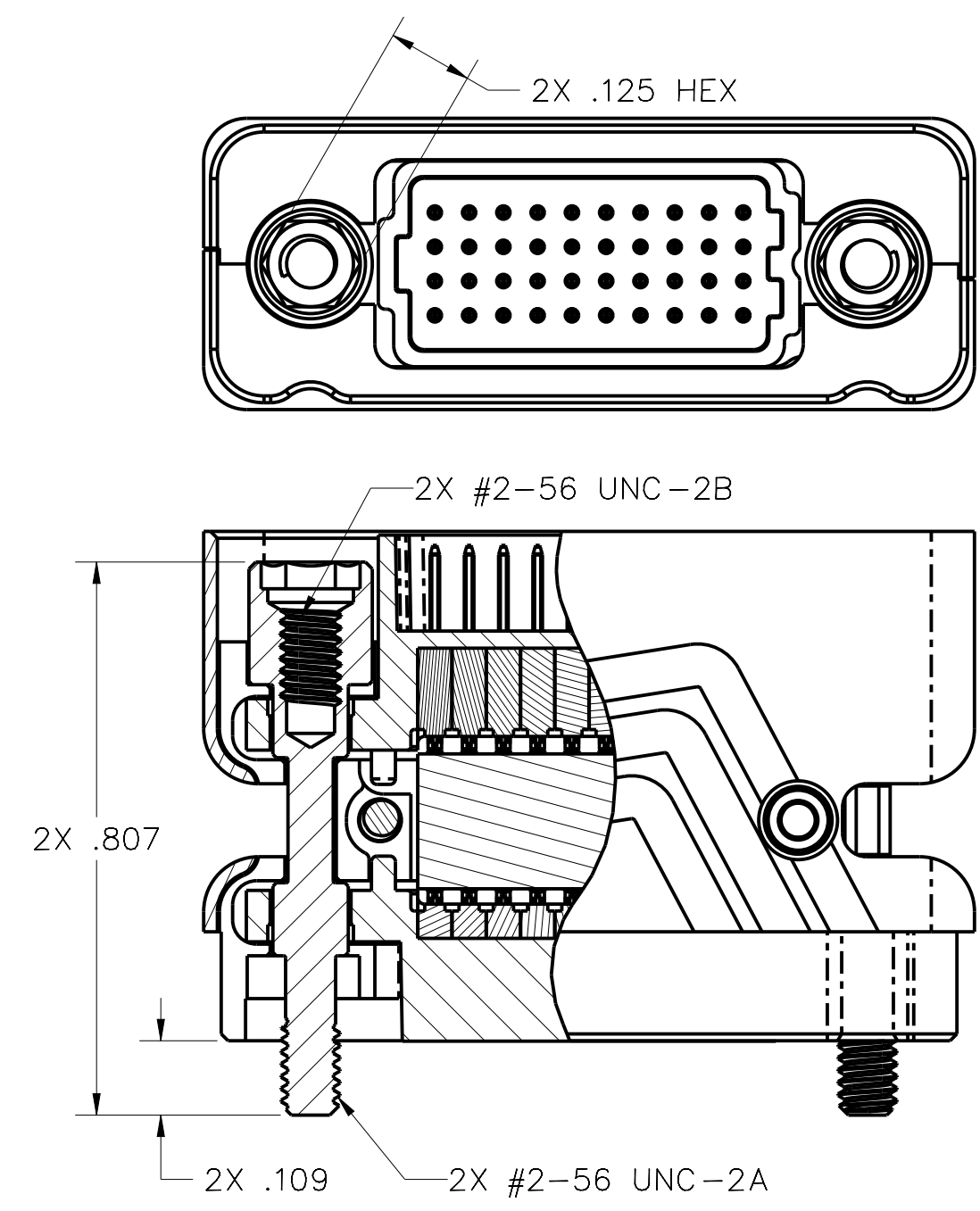


PART MARKING
(30, 40 & 50 COLUMNS)

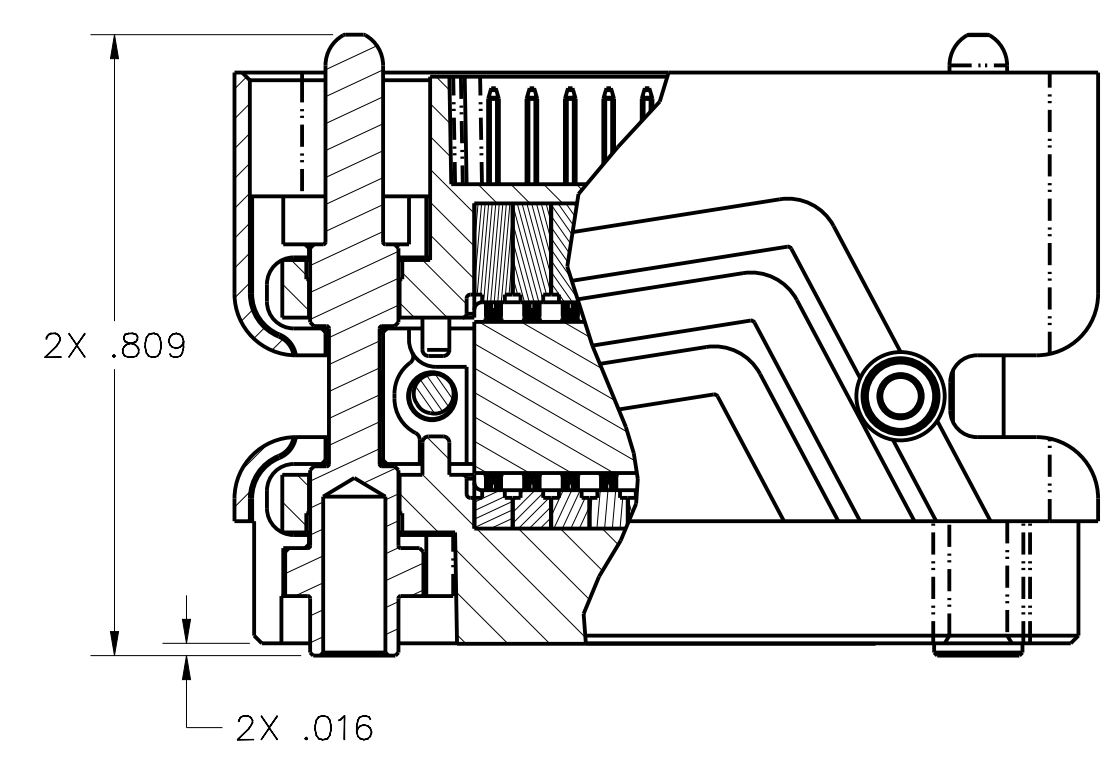
MJFN HARDWARE DIMENSIONS



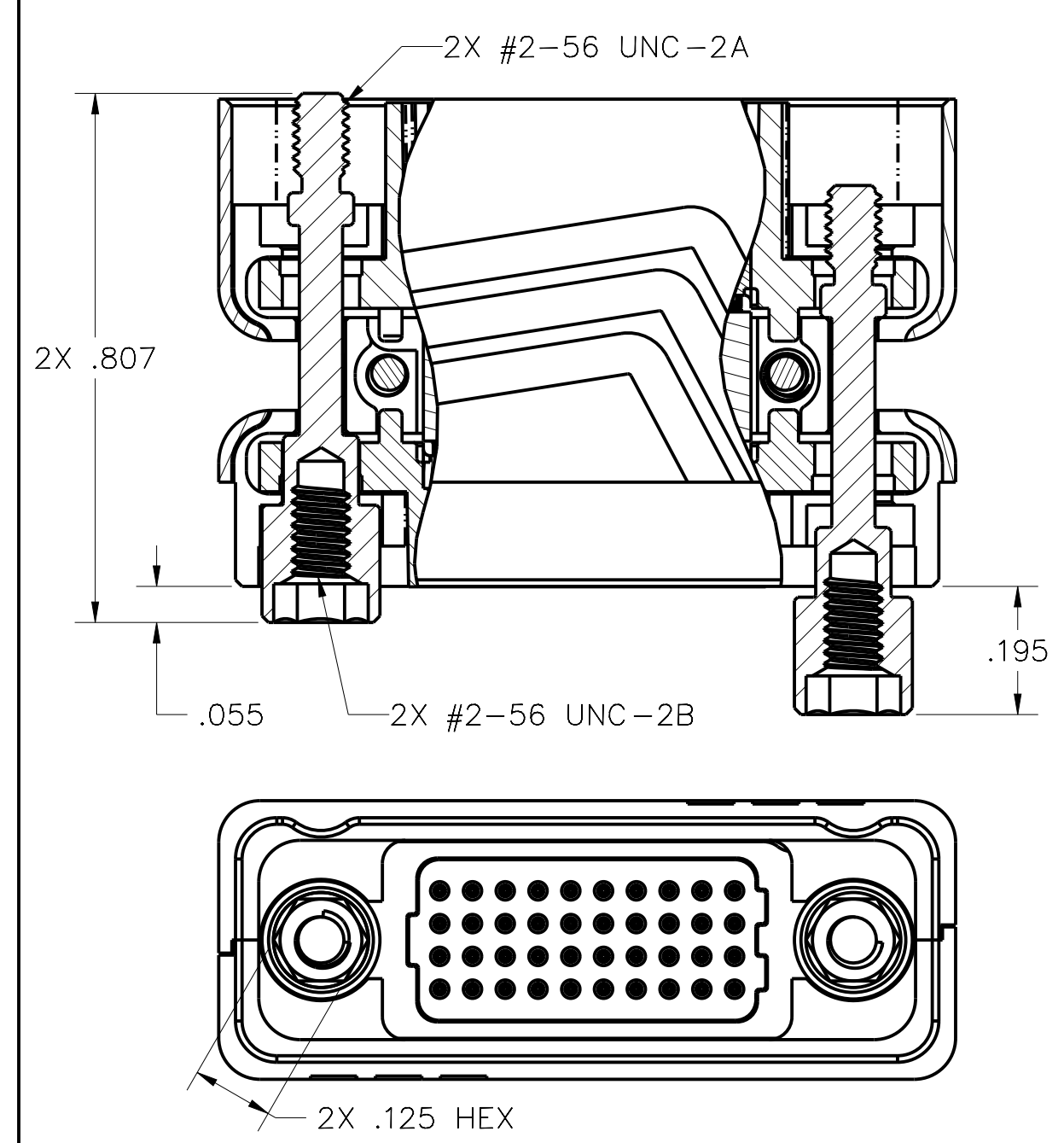
MNFJ HARDWARE DIMENSIONS



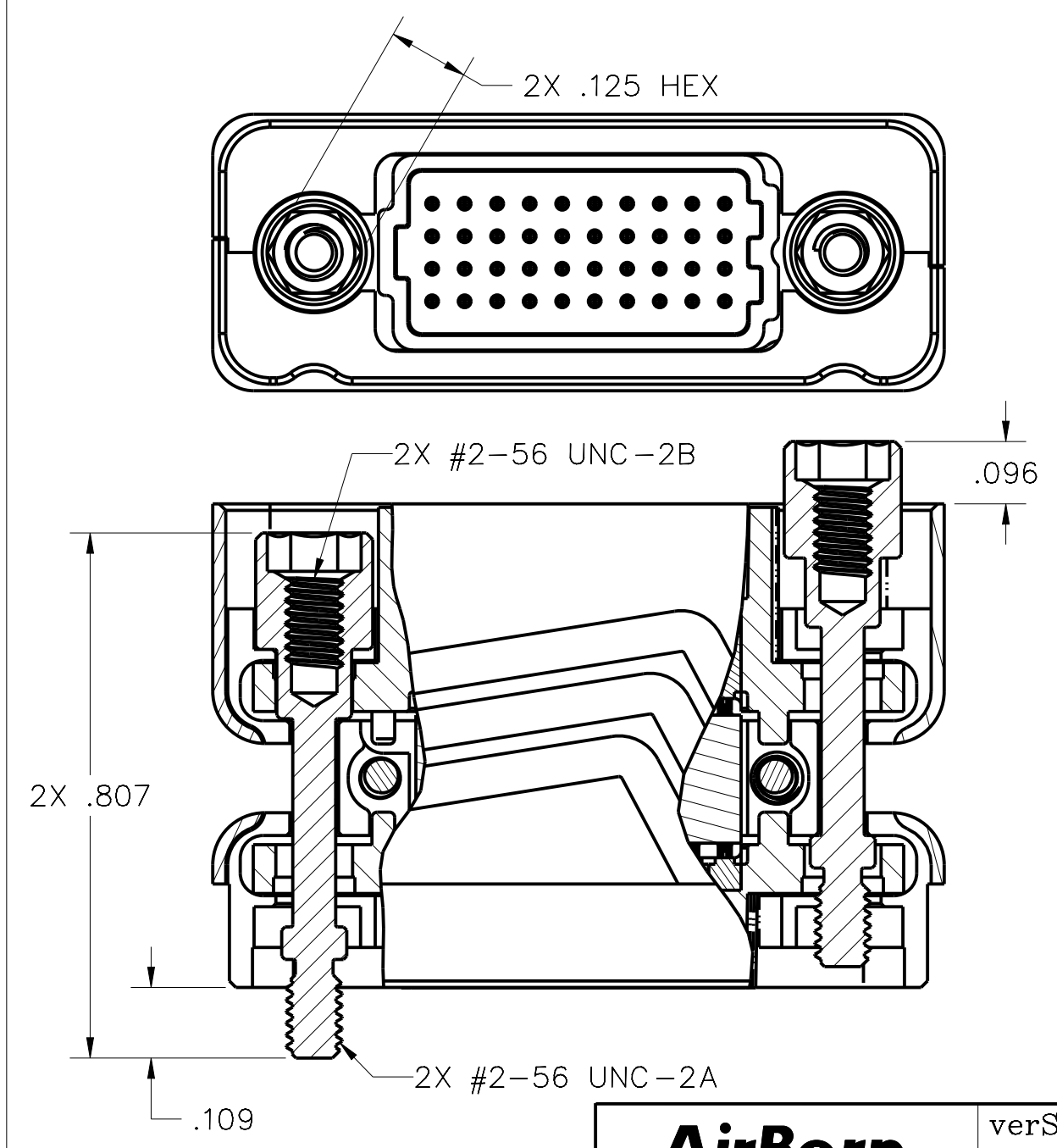
MGFG HARDWARE DIMENSIONS



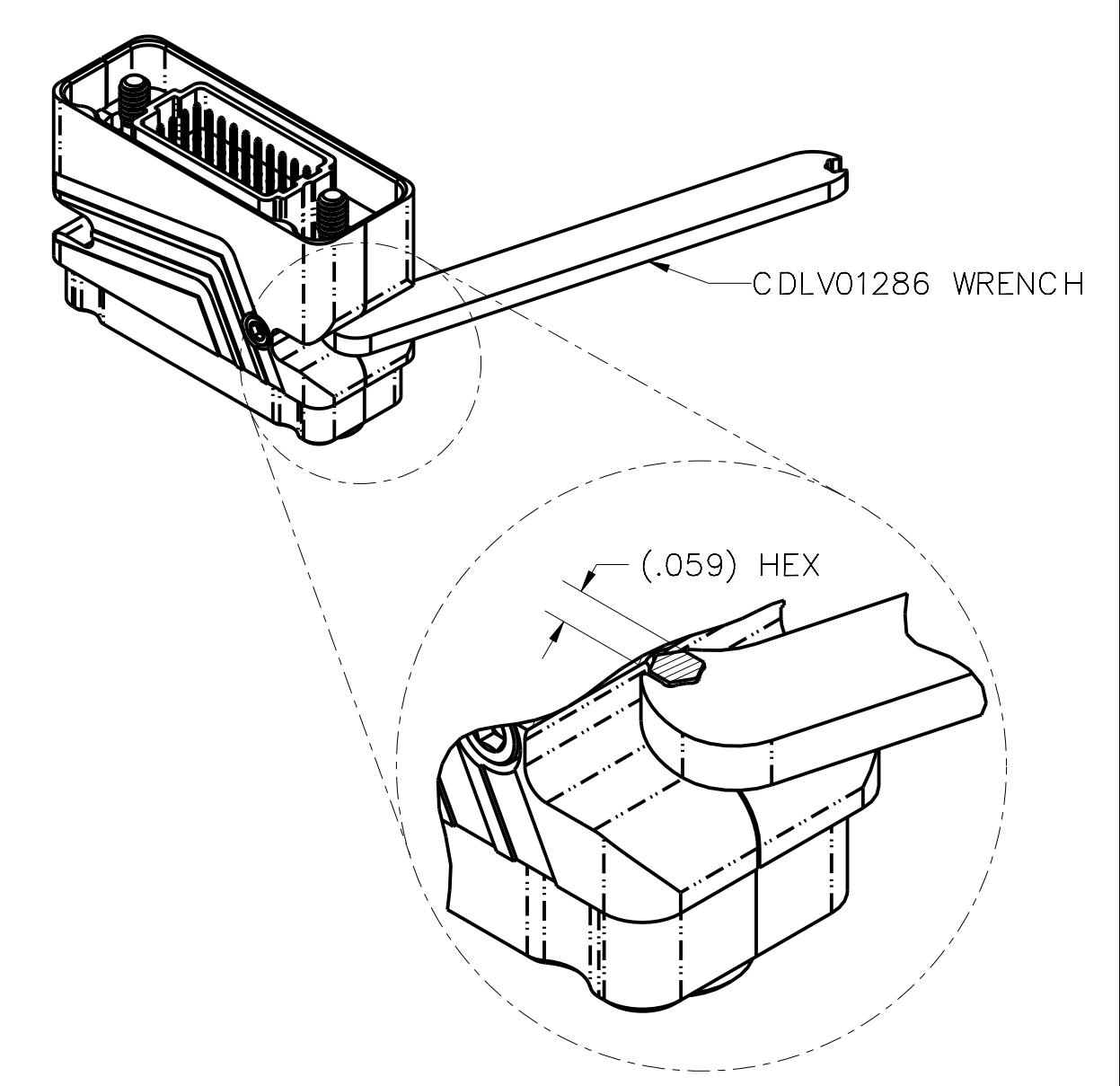
MLFN HARDWARE DIMENSIONS



MNFL HARDWARE DIMENSIONS



HARDWARE WRENCH



CDLV01286 WRENCH INCLUDED. WRENCH USED ON CONNECTOR SAVERS WITH JACKING/LOCKING HARDWARE ONLY

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verSI SERIES CONNECTOR SAVER
RUGGEDIZED
PRODUCT DRAWING

DRAWING STATE: Released ☒ RELEASED
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DWG# VRCS-XX-XX-XXXX REV. A SHEET 4 / 5

SIZE C

HARDWARE KIT PART NUMBER BUILD

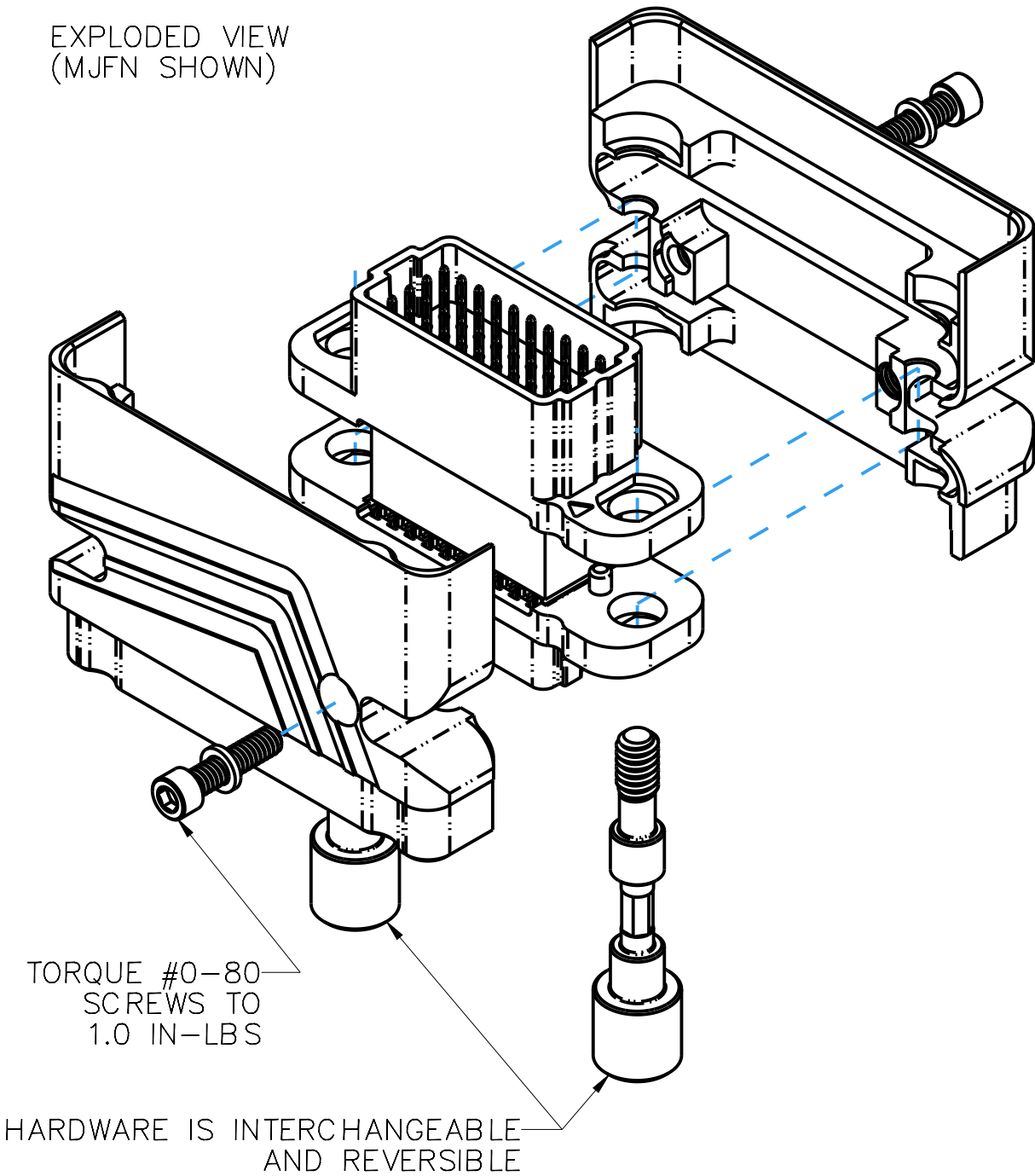
SAMPLE PART NUMBER: VRCS-00-00-JN

VRCS-00-00-XX

HARDWARE OPTIONS		
JN	JACKSCREW AND JACKNUT	*
LN	LOCKING SCREW AND JACKNUT	**
GG	GUIDE PIN AND GUIDE SOCKET	

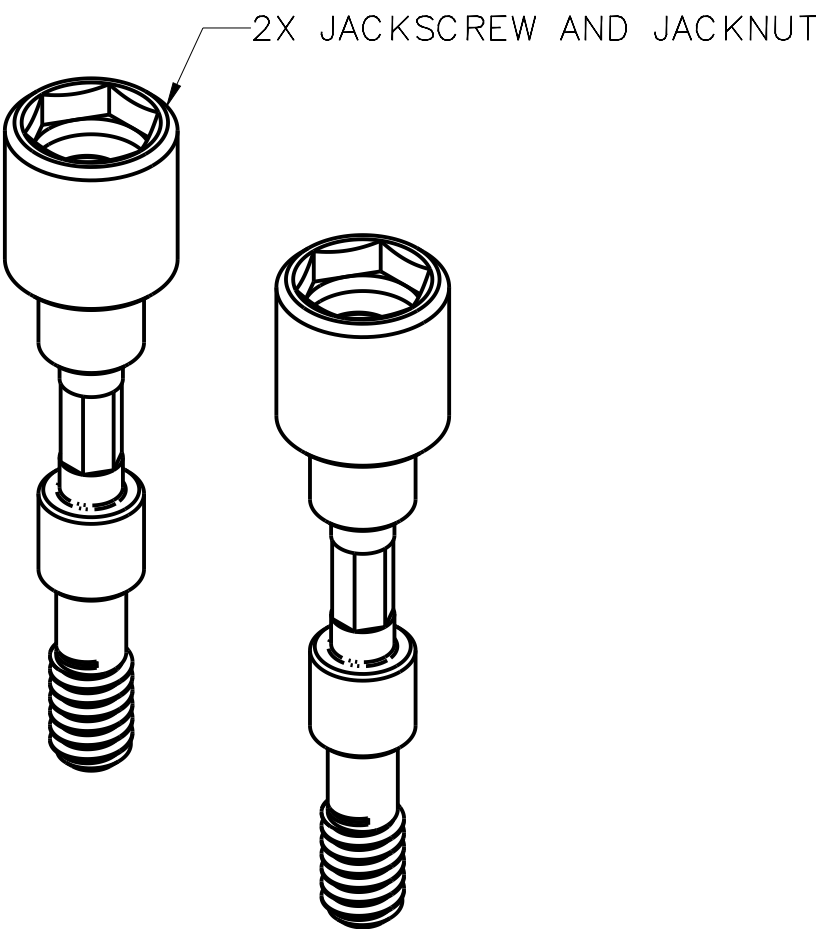
* VRCS-00-00-JN USED ON CONNECTOR SAVERS WITH MJFN & MNFJ HARDWARE OPTIONS
** VRCS-00-00-LN USED ON CONNECTOR SAVERS WITH MLFN & MNFL HARDWARE OPTIONS

EXPLODED VIEW
(MJFN SHOWN)



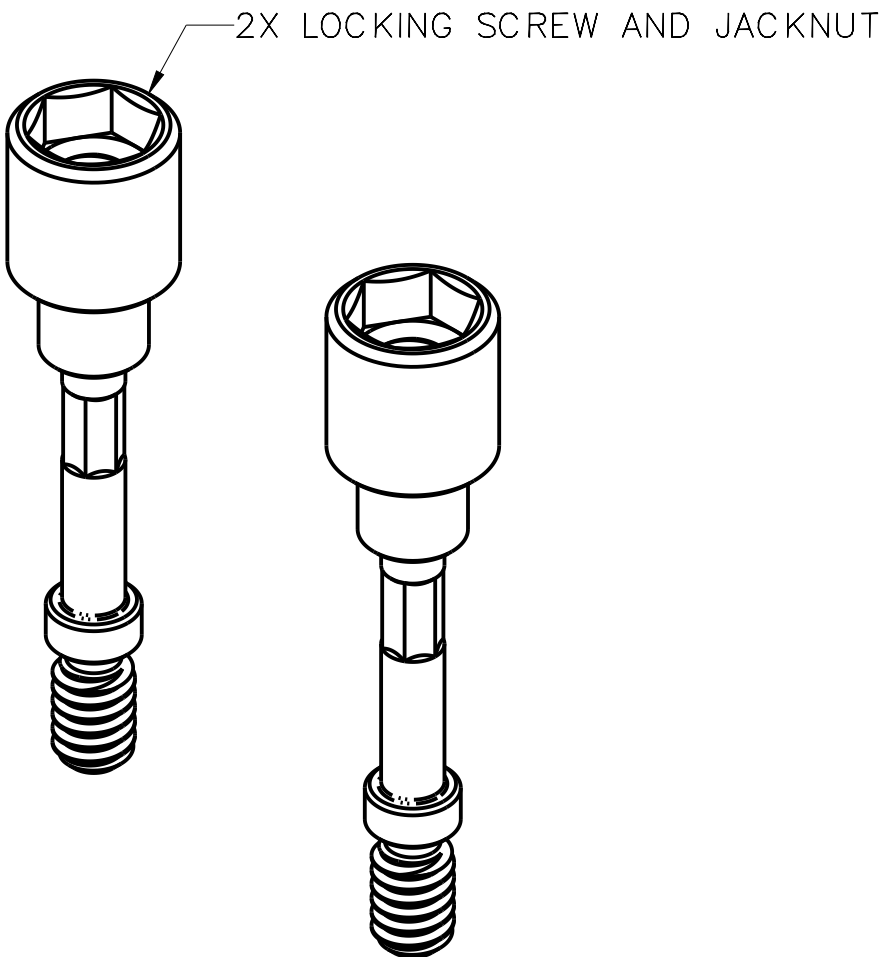
JACKSCREW AND JACKNUT KIT

(JN HARDWARE OPTION)



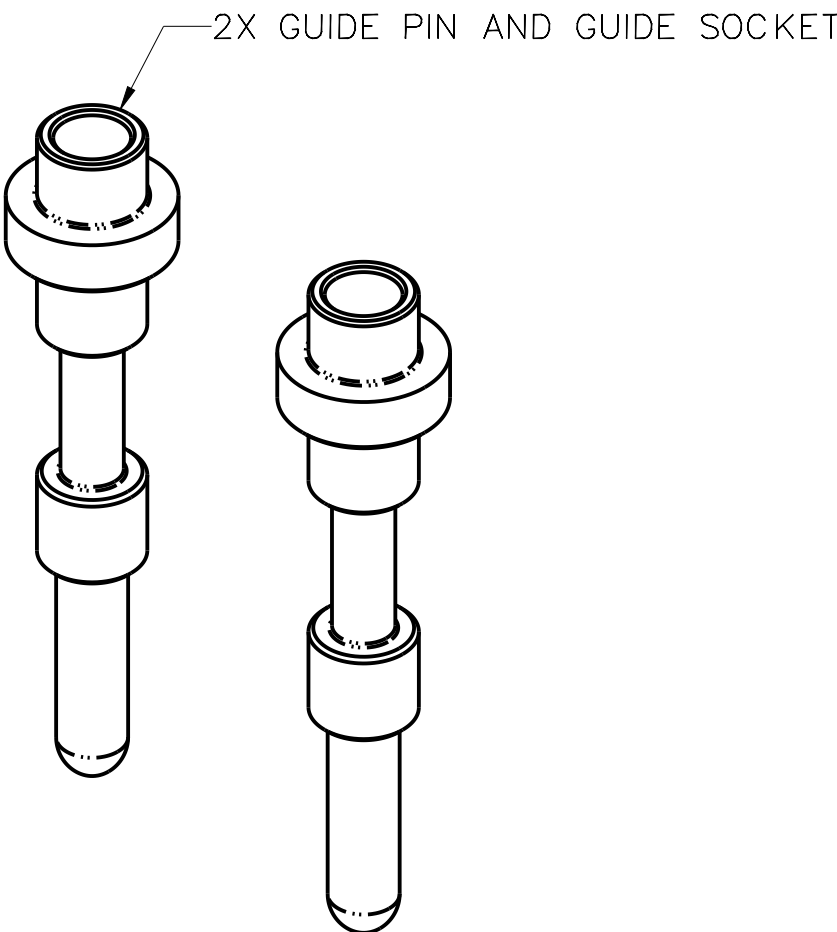
LOCKING SCREW AND JACKNUT KIT

(LN HARDWARE OPTION)



GUIDE PIN AND GUIDE SOCKET KIT

(GG HARDWARE OPTION)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[VRCS-06-40-MJFN](#) [VRCS-10-50-MNFJ](#) [VRCS-04-10-MJFN](#) [VRCS-04-20-MJFN](#)