

10-504637-008		DOCUMENT NO.	
SHEET 1 OF 3		REV.	
PA1			
REVISIONS			
LTR	DESCRIPTION		DATE
PA1	INITIAL RELEASE		10/19/15

10-504637-008

SHEET 1 OF 3

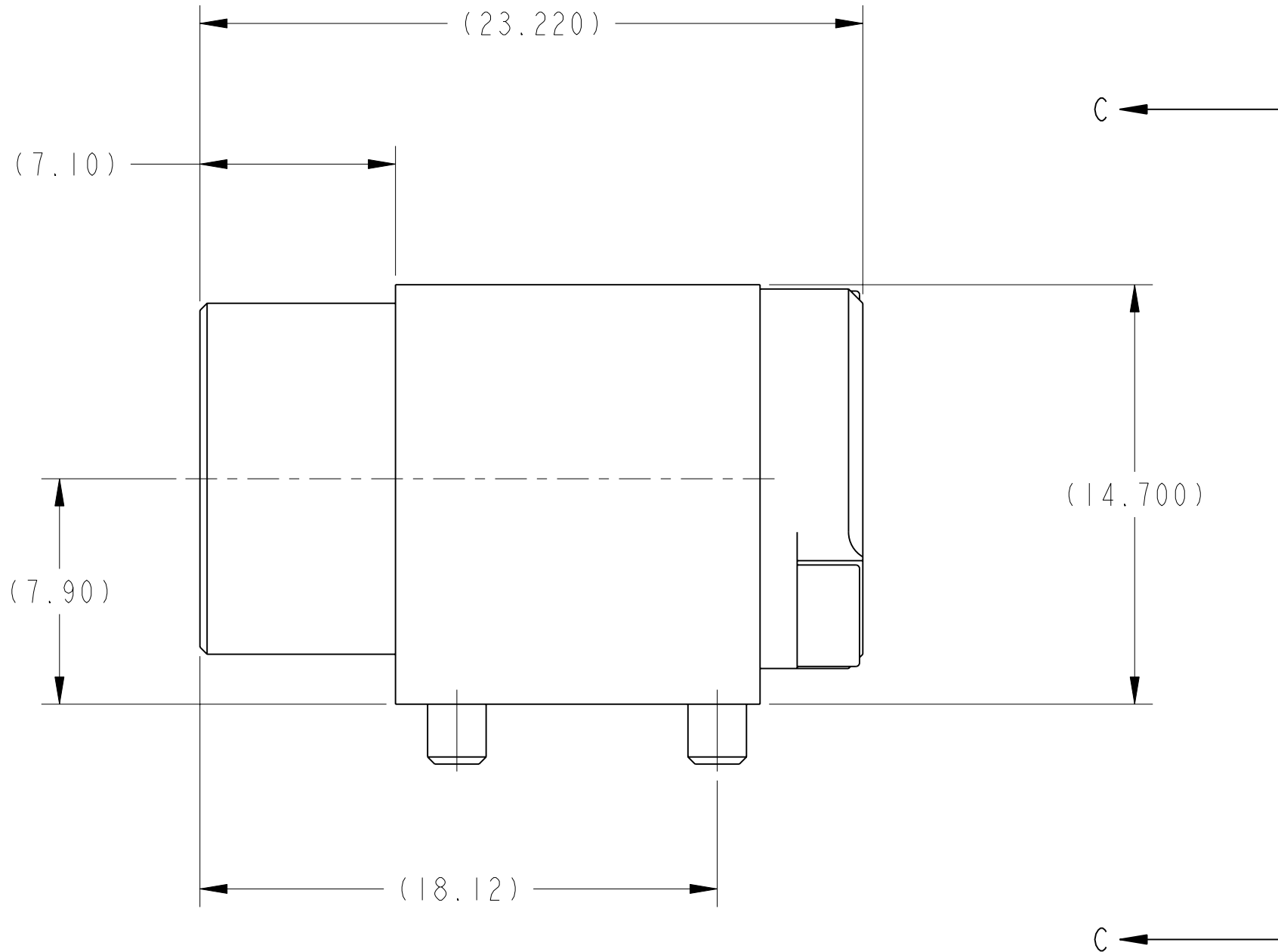
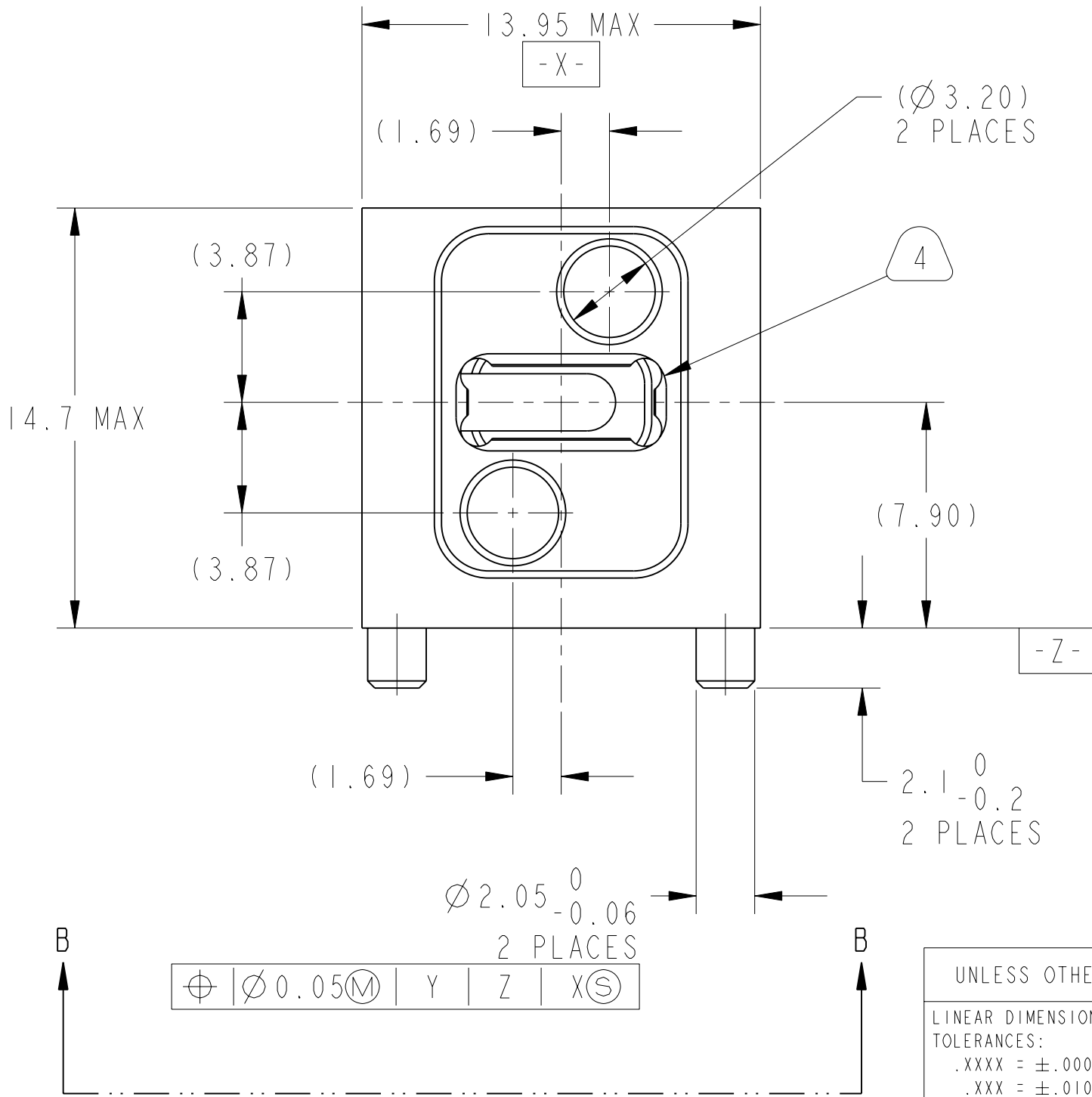
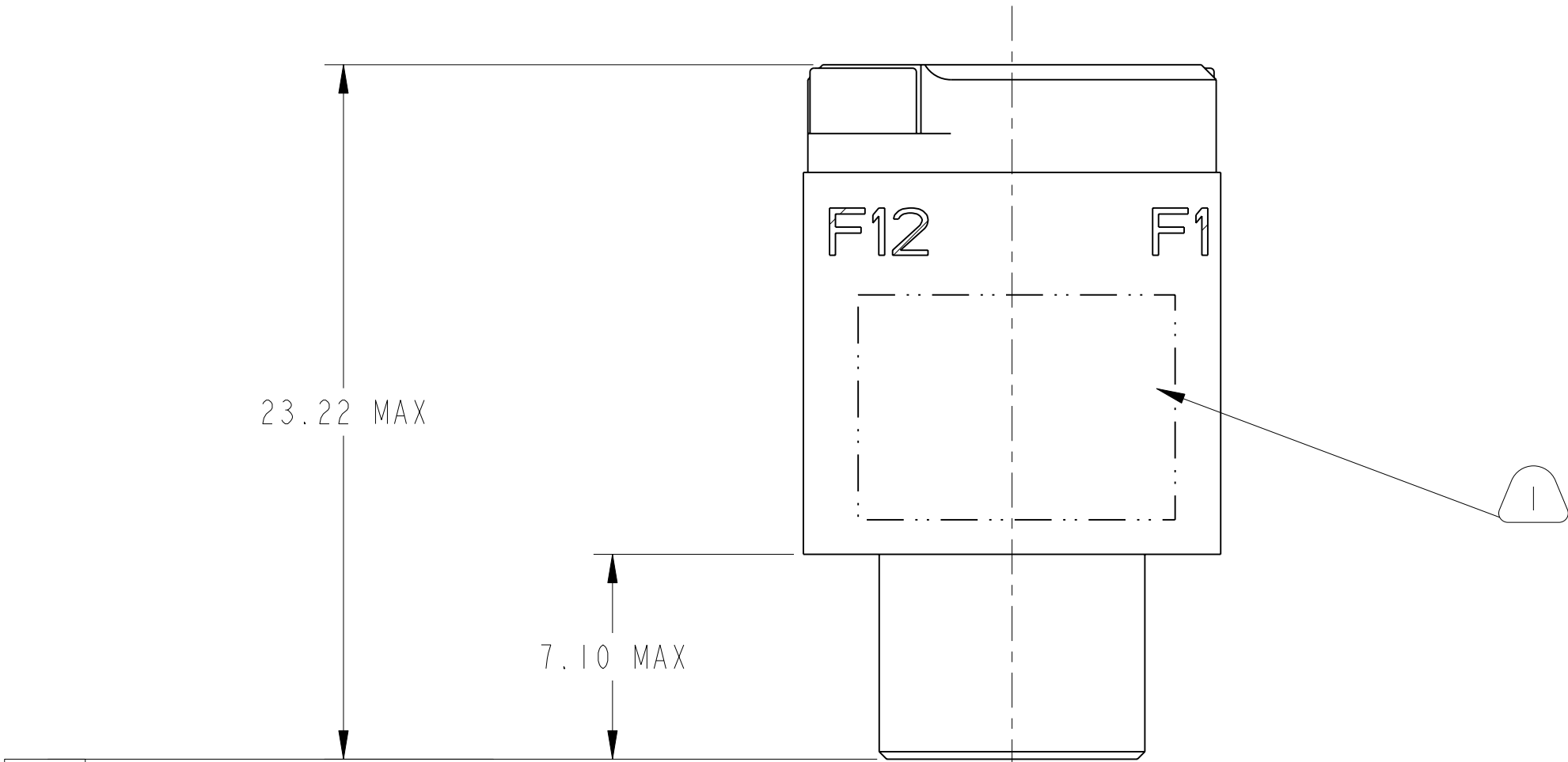
REV. PA1

C

B

A

FORMAT: C-U-L-Rev.B

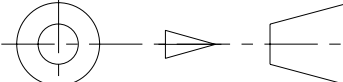


SEE SHEET 2

NOTES:

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PRO/ENGINEER INFORMATION	
N/A	Pro/e Model Used:
N/A	10-504637-008.DWG.ASSEM
Drawing Name:	
10-504637-008	

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER		DESCRIPTION		NOTE	
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 ----- DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY 		MATERIAL SPEC.	APPROVALS		DATE	PARTS LIST					
		NA		PREPARED BY	R. CHAPMAN	19-Oct-15	AMPHENOL CORPORATION				
		ENGINEER IN CHARGE	J. PAUL								
		DESIGN MANAGER	R. SELFRIEDGE	CONNECTOR, FIBER OPTIC, MODULE, 1 MT (VITA 66.4)							
		DESIGN ACTIVITY GROUP	BLP								
		PROCESS SPEC.	THIRD ANGLE PROJECTION		SIZE	CAGE CODE	DOCUMENT NO.	REV.			
9-3856-5			C	77820	10-504637-008	PAI					
9-3895			SCALE: 3.0	REF:	NA	SHEET 1 OF 3					

10-504637-008

SHEET 1 OF 3

REV. PA1

4

3

2

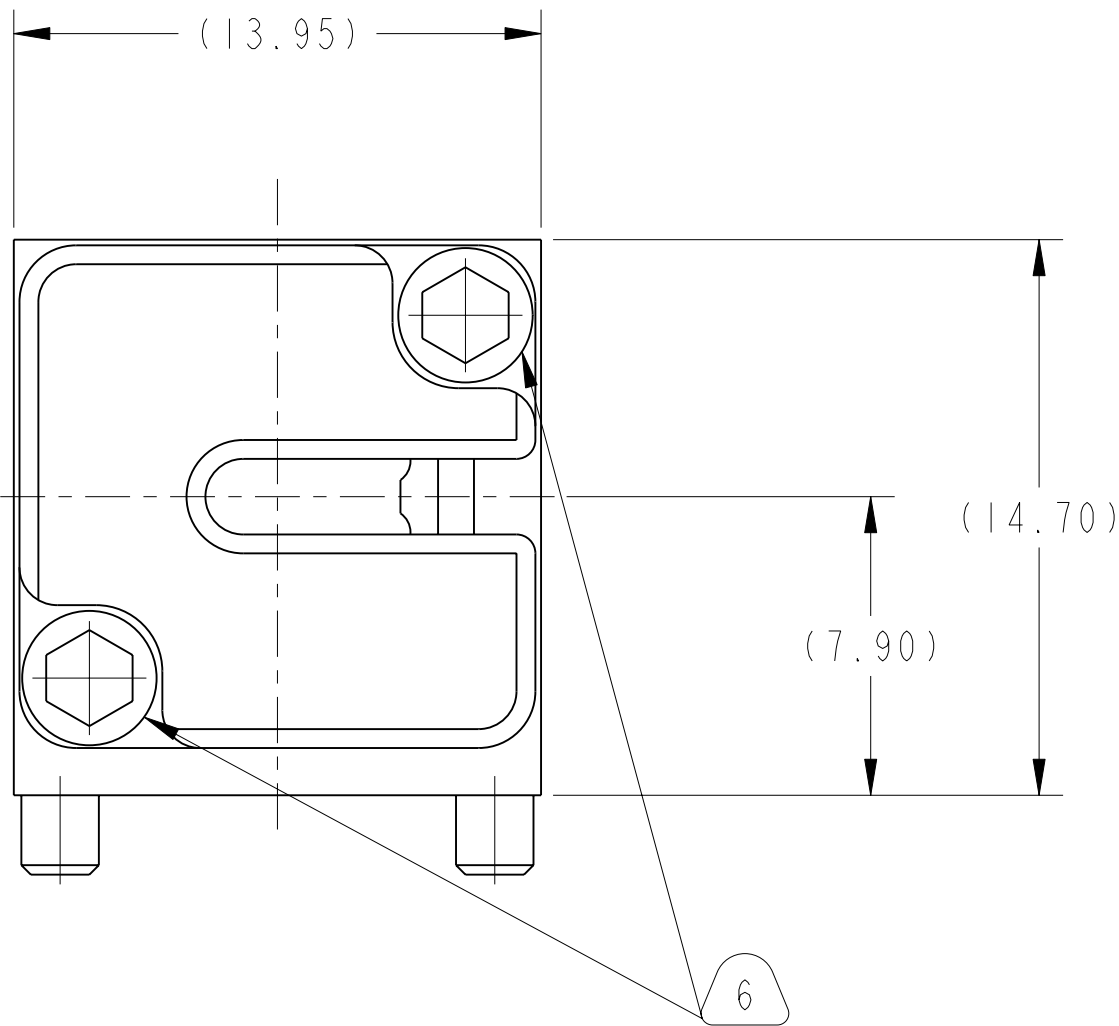
1

REV.

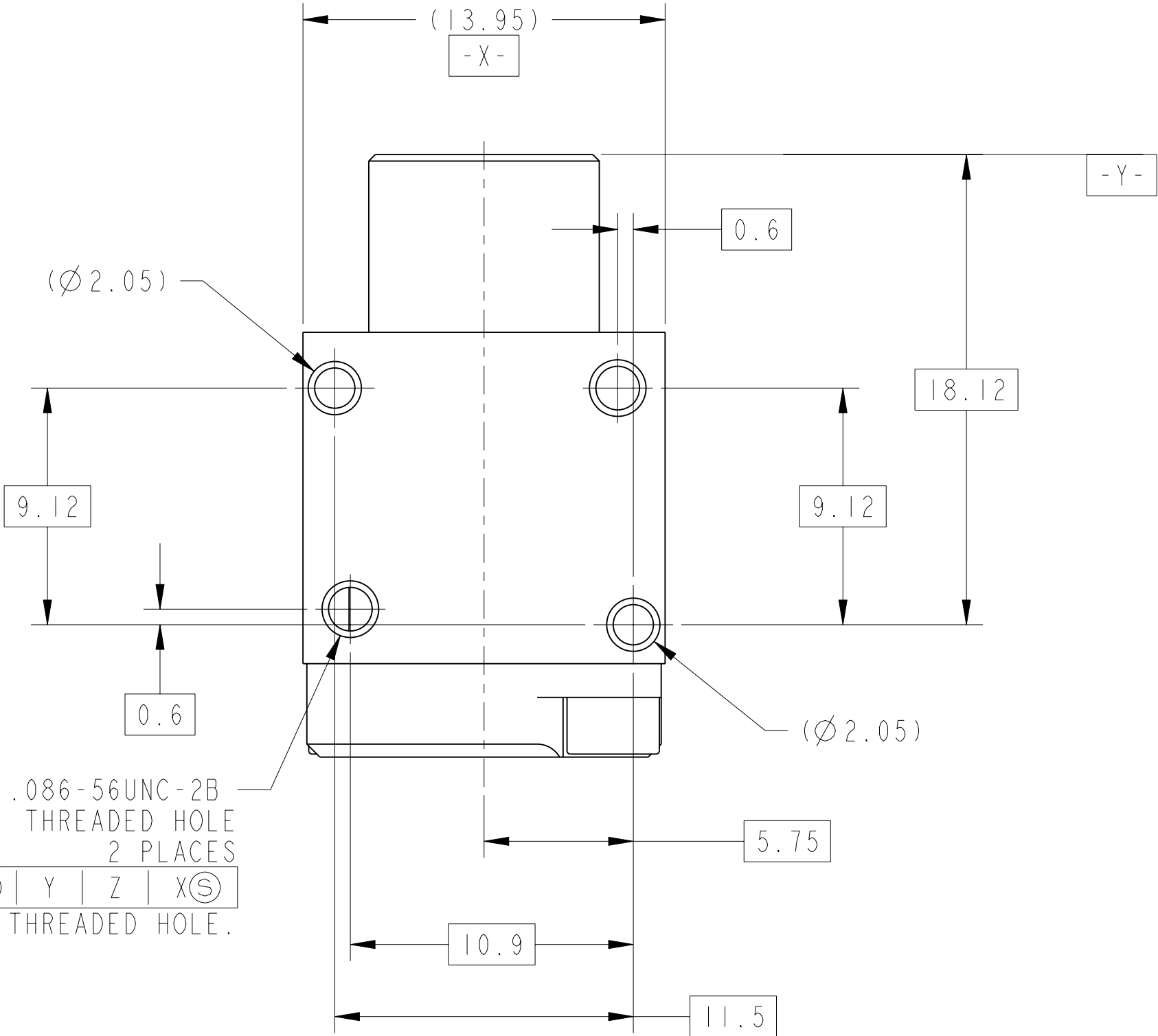
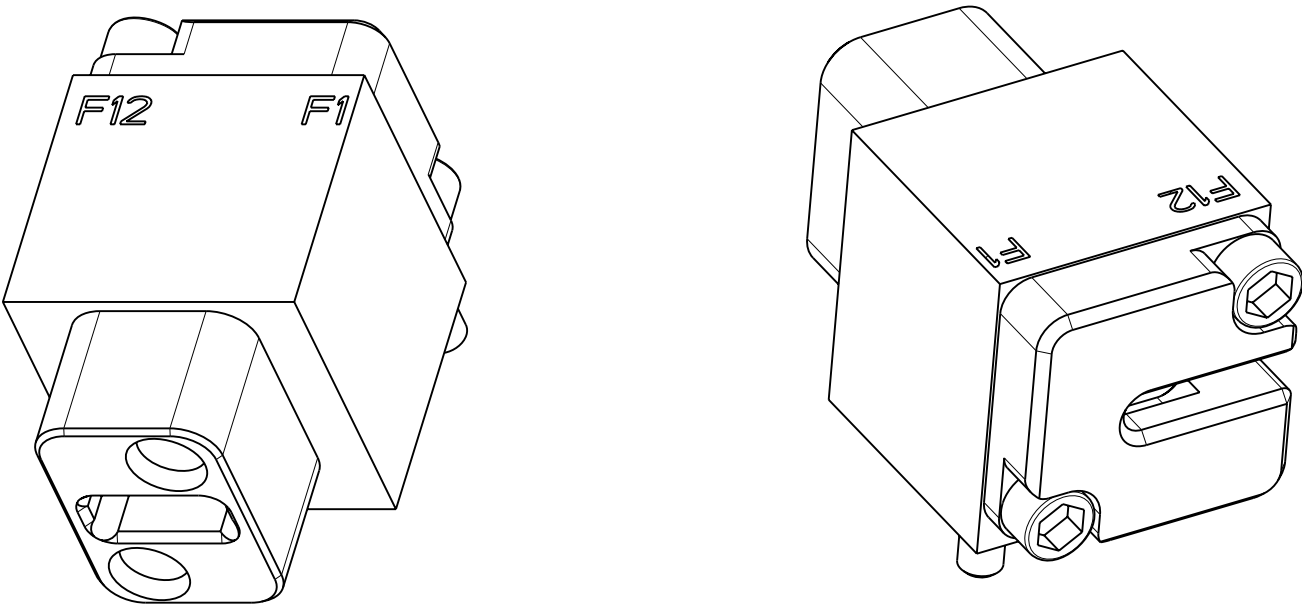
SHEET 1 OF 3

10-504637-008

A



VIEW AT C



VIEW AT B

7. RETAINER SCREWS TO BE TIGHTENED TO A TORQUE OF 2 -3 IN-LBS.
RETAINER SHOULD BE BOTTOMED ON CONNECTOR BODY.
6. MT PIN CLAMP ASSEMBLIES ARE SHIPPED UNASSEMBLED.
4. INSERT CAVITIY IS FOR A FIBER OPTIC MT FERRULE PER IEC 1754-5-4.
MT FERRULES AND ASSOCIATED RIBBON CABLE ARE NOT PART OF THIS
ASSEMBLY. GUIDE PINS FOR MT FERRULES ARE INCLUDED IN THE ASSEMBLY.
3. FOR CONNECTOR INSTALLATION ILLUSTRATION SEE SHEET 3.
2. FOR MATING BACKPLANE CONNECTOR ASSEMBLY, SEE DRAWING 10-504639-006.
1. BLACK INK STAMP PART NUMBER AND DATE CODE ON INDICATED
SURFACE PER 9-3856-5. DATE CODE PER 9-3895. CHARACTERS TO BE .062±.020
HIGH. ADDITIONAL INFORMATION MAY BE REQUESTED BY PURCHASE ORDER.
STAMP ING CAN BE ON BOTH SIDES OF PART.

Ø 0.13 M Y Z X

4.75 MAX SCREW DEPTH ONTO THREADED HOLE.

.086-56UNC-2B
THREADED HOLE
2 PLACES

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MATERIALS AND FINISHES

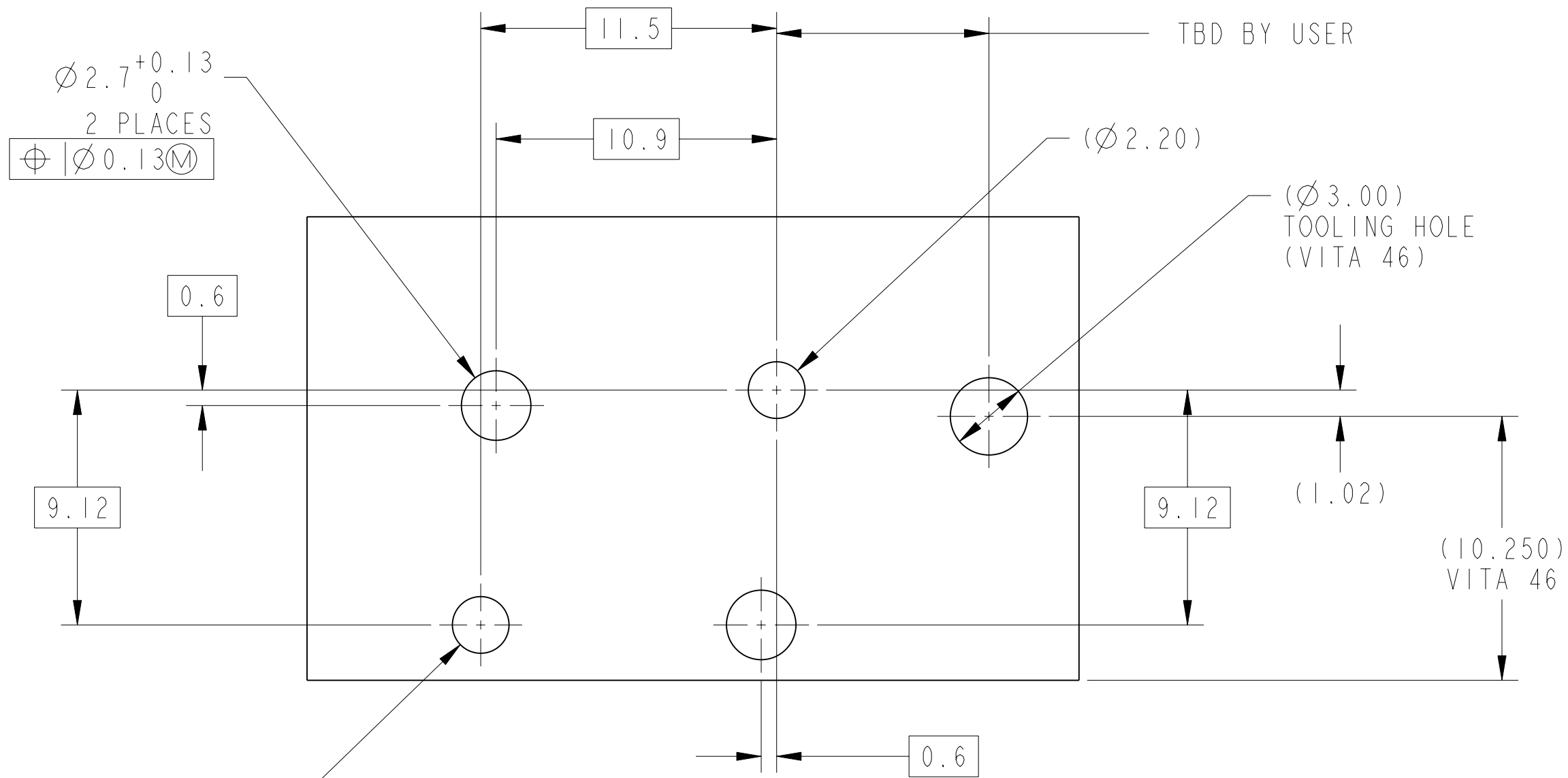
COMPONENT	MATERIAL/ FINISH
MAIN BODY	BODY - MATERIAL - ALUM. ALLOY PER AMS 4150 FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3 HELICAL INSERTS - STAINLESS STEEL 304 SERIES PASSIVATED
MT RETAINER	BODY - MATERIAL - ALUM. ALLOY PER AMS 4150 FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3 SCREW - STAINLESS STEEL 300 SERIES PASSIVATED
PIN CLAMP ASSEMBLY	BODY - GLASS FILLED LIQUID CRYSTAL POLYMER ALIGNMENT PINS - STAINLESS STEEL 303 SERIES, PASSIVATED

SIZE C	CAGE CODE 77820	DOCUMENT NO. 10-504637-008	REV. PA1
SCALE: 3.0	REF.	NA	SHEET 2 OF 3

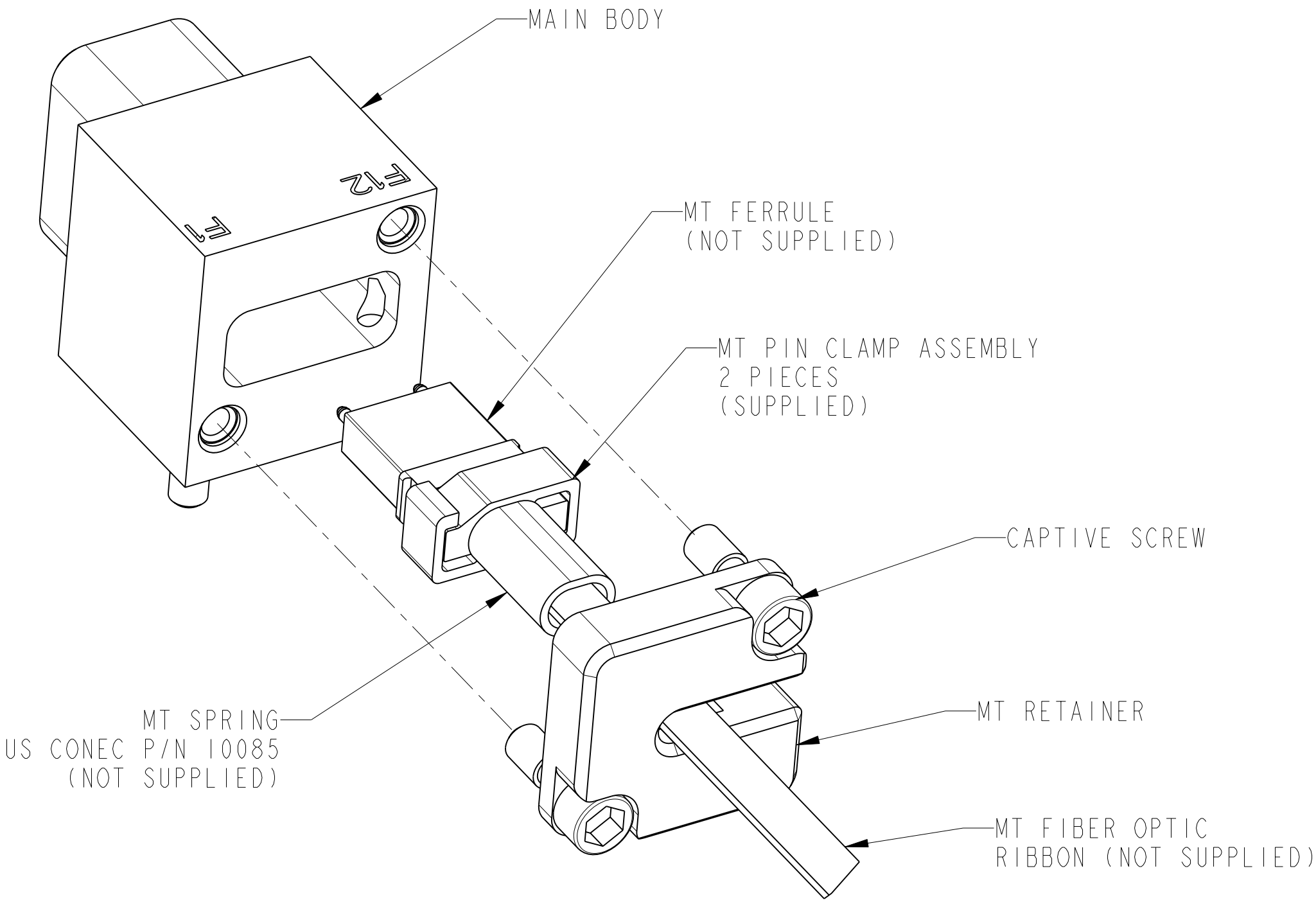
2

3

4



SUGGESTED MODULE PCB
INTERFACE DIMENSIONS
SCALE 5.000



REAR EXPLODED
ASSEMBLY VIEW
SCALE 4.000

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SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	10-504637-008	PA1
SCALE: 3.0	REF.	NA	SHEET 3 OF 3

3

2

1