

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

23.22 MAX

7.10 MAX

-Y-

-X-

(1.69)

13.95 MAX

(Ø 3.20)
2 PLACES

(3.87)

14.7 MAX

(3.87)

(7.90)

-Z-

(1.69)

2.1⁰_{-0.2}
2 PLACES

Ø 2.05⁰_{-0.06}
2 PLACES

⊕ | Ø 0.05 (M) | Y | Z | X (S)

SCALE 5.000

SEE SHEET 2

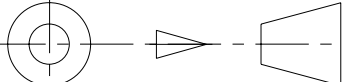
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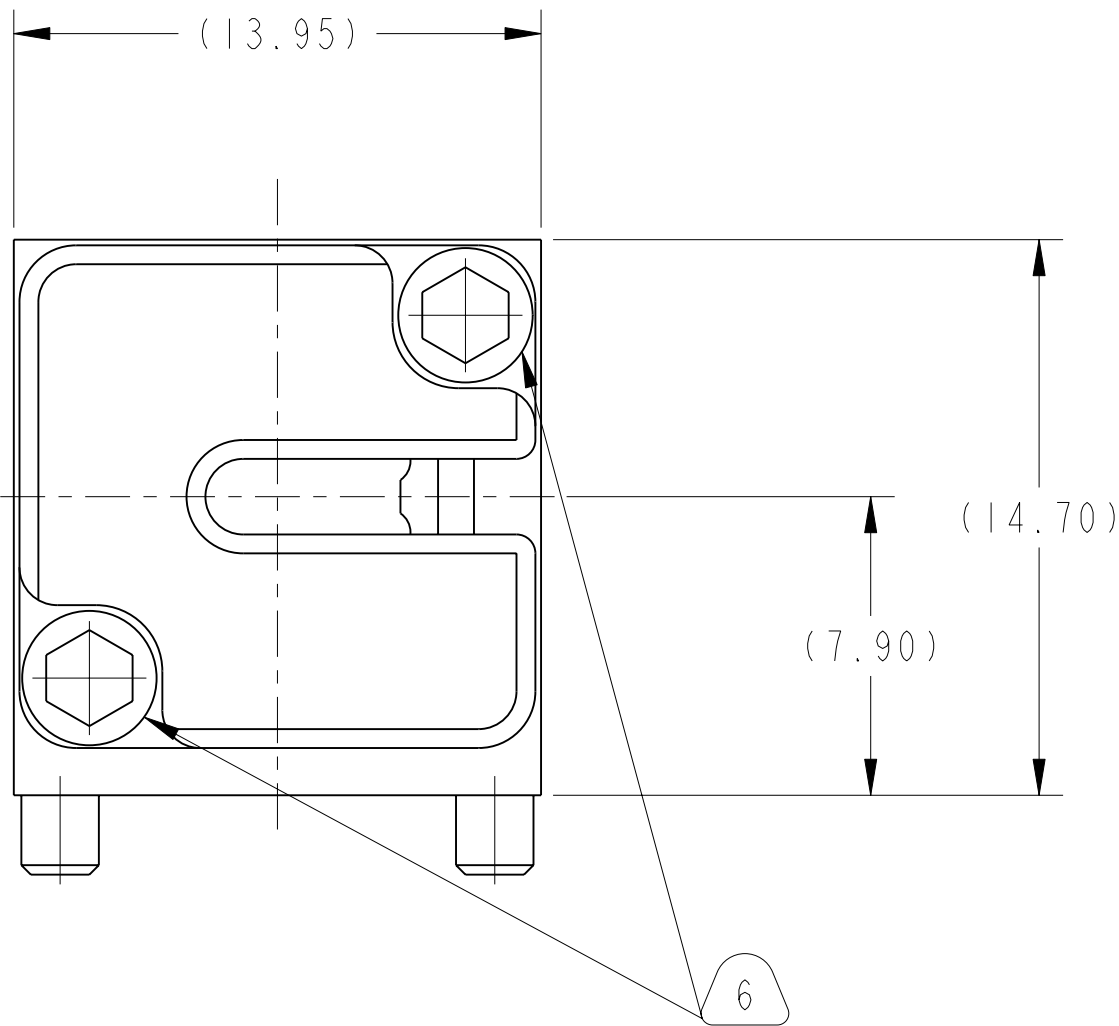
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N/A

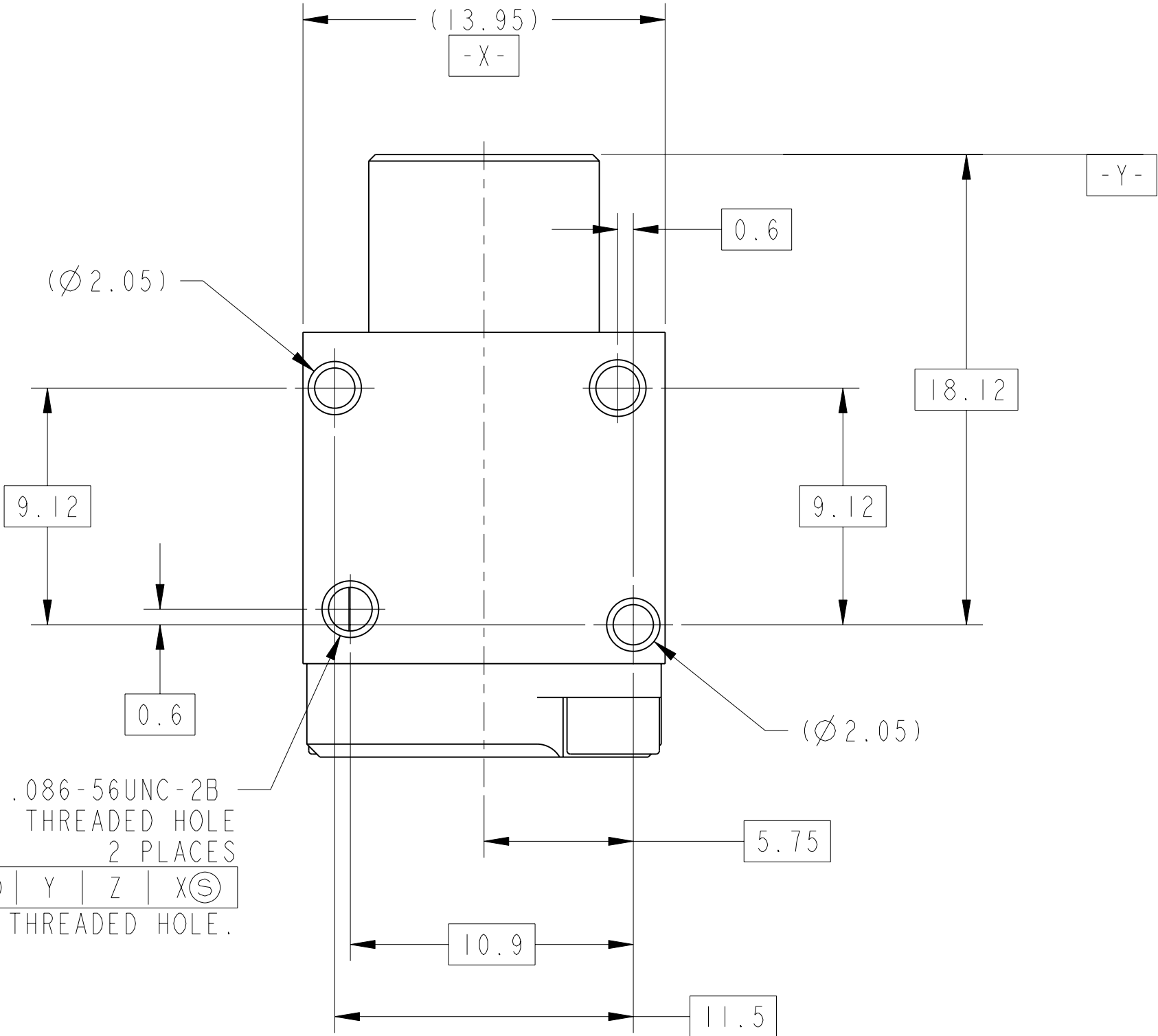
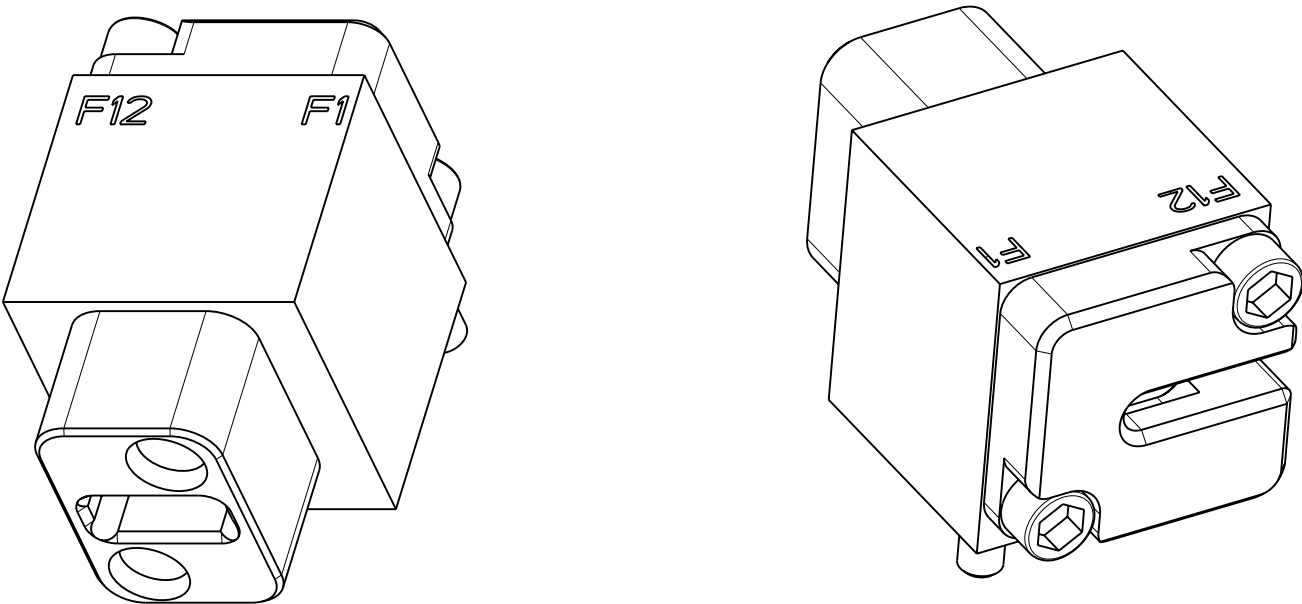
NEXT ASSEMBLY

PRO/ENGINEER INFORMATION
Pro/e Model Used:
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 Sids. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY		MATERIAL SPEC.		APPROVALS		DATE		PARTS LIST		
		NA		PREPARED BY R. CHAPMAN		19-0ct-15		AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838		
				ENGINEER IN CHARGE J. PAUL						
				DESIGN MANAGER R. SELFBRIDGE						
				DESIGN ACTIVITY GROUP BLP						
PROCESS SPEC.		THIRD ANGLE PROJECTION		CONNECTOR, FIBER OPTIC, MODULE, 1 MT (VITA 66.4)						
9-3856-5 9-3895										
 =FLAG NOTE CALL OUT REFERENCE ONLY						SIZE	CAGE CODE	DOCUMENT NO.	REV.	
						C	77820	10-504637-008	PA1	
						SCALE: 3.0	REF:	NA	SHEET 1 OF 3	



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.

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MATERIALS AND FINISHES

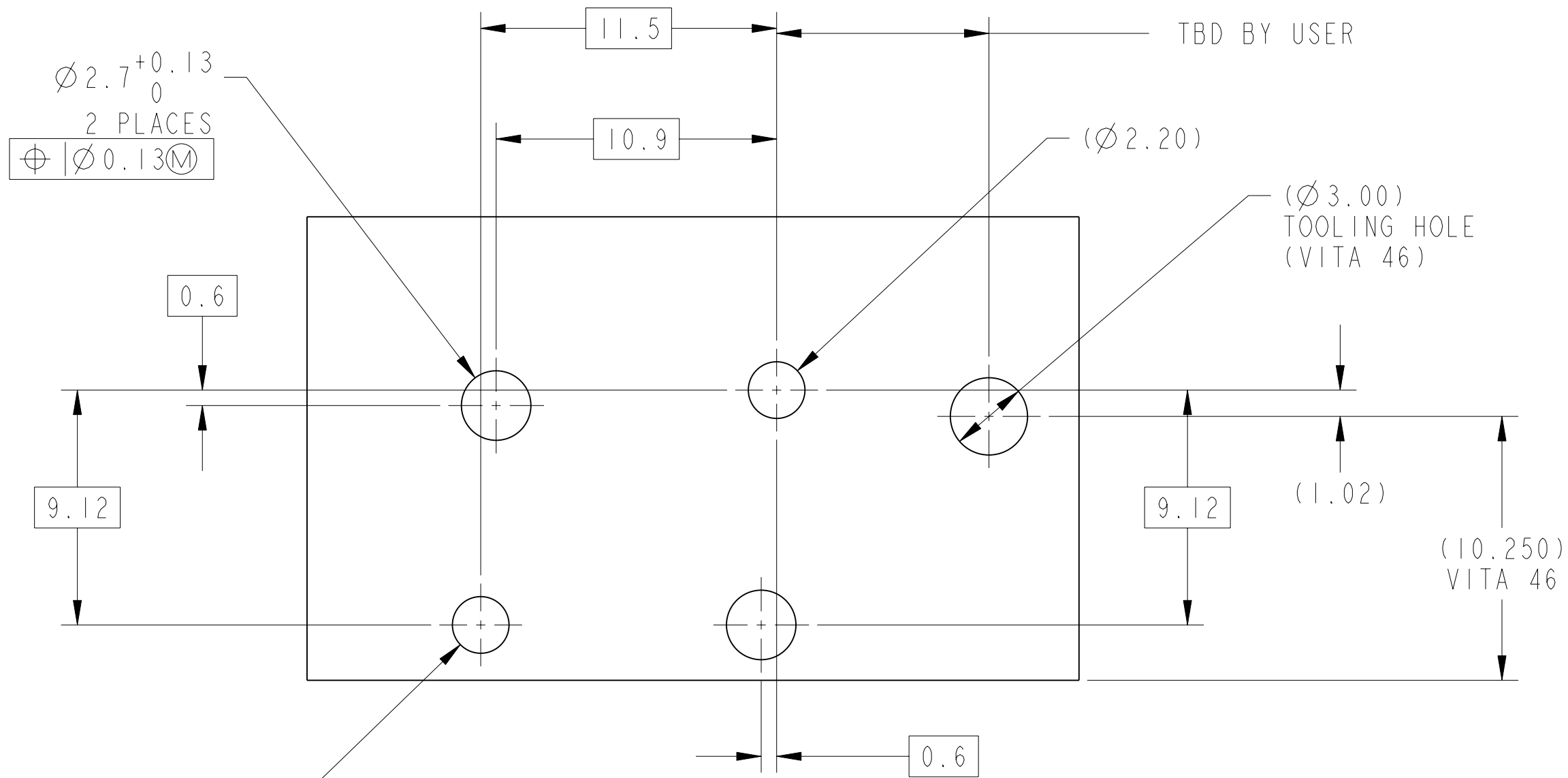
COMPONENT	MATERIAL/ FINISH
MAIN BODY	BODY - MATERIAL - ALUM. ALLOY PER AMS 4150 FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3 HELICAL INSERTS - STAINLESS STEEL 304 SERIES PASSIVATED
MT RETAINER	BODY - MATERIAL - ALUM. ALLOY PER AMS 4150 FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3 SCREW - STAINLESS 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

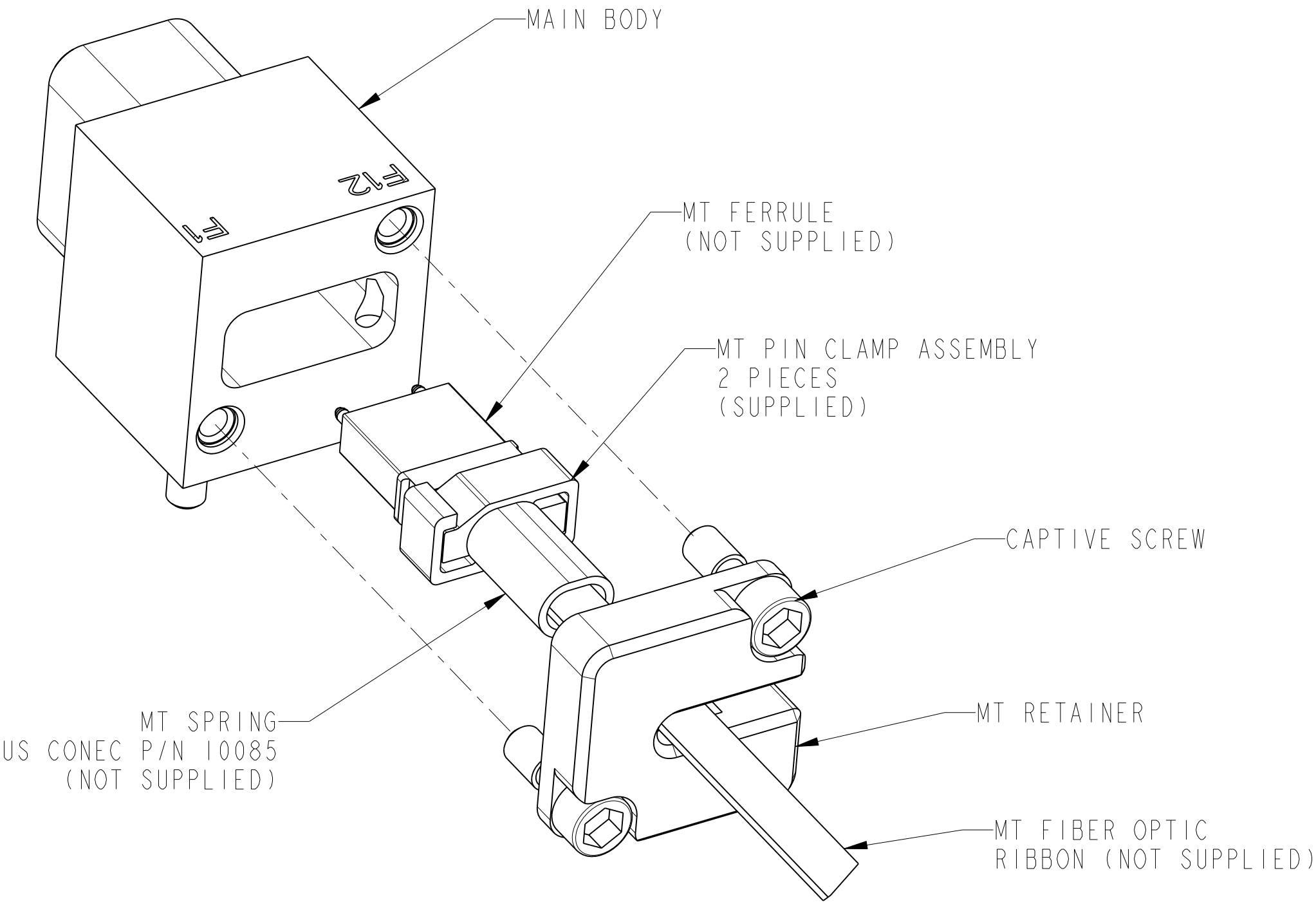
2

3

4



SUGGESTED MODULE PCB
INTERFACE DIMENSIONS
SCALE 5.000



REAR EXPLODED
ASSEMBLY VIEW
SCALE 4.000

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