

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

DOCUMENT NO. 10-504637-008

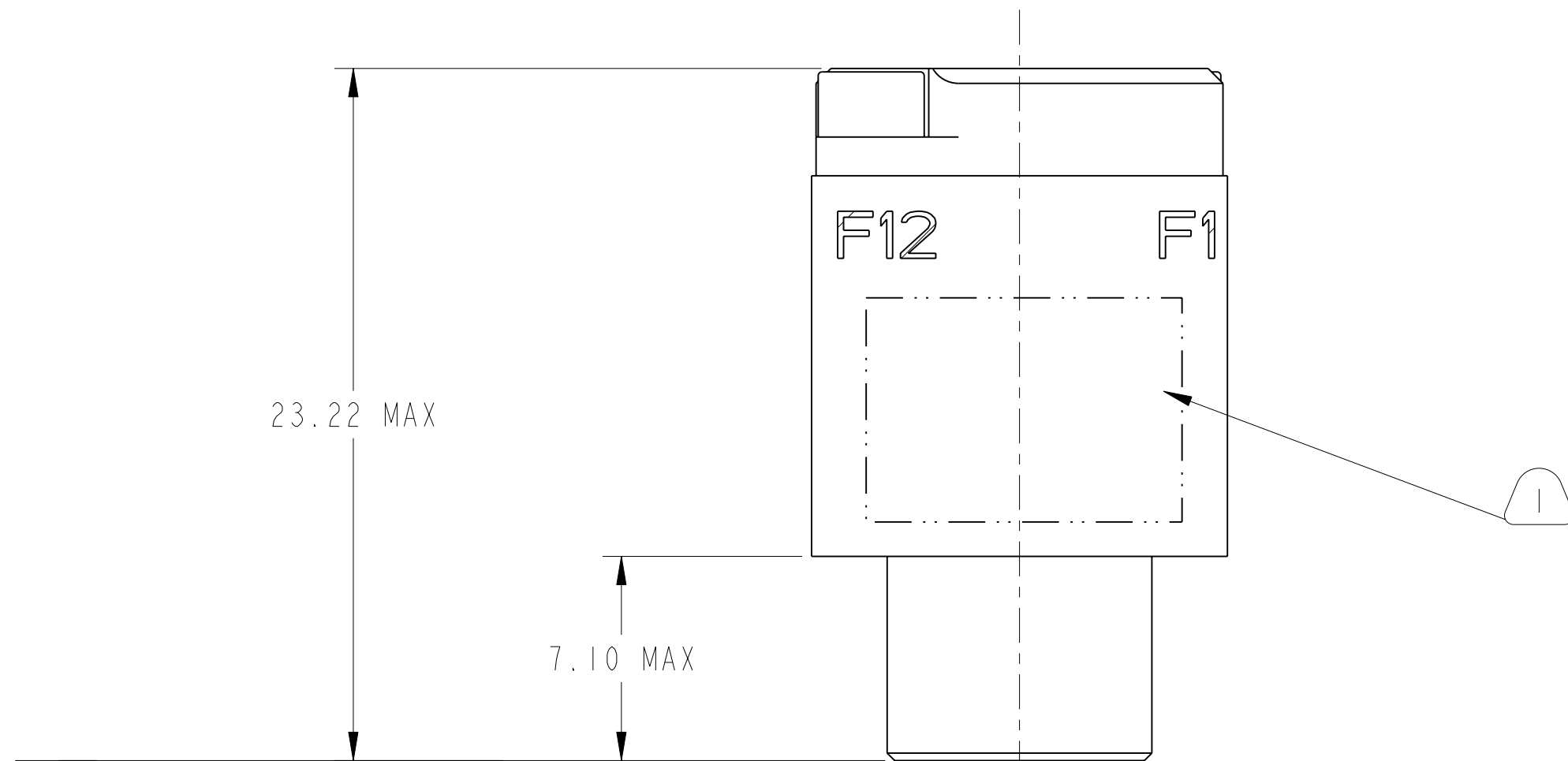
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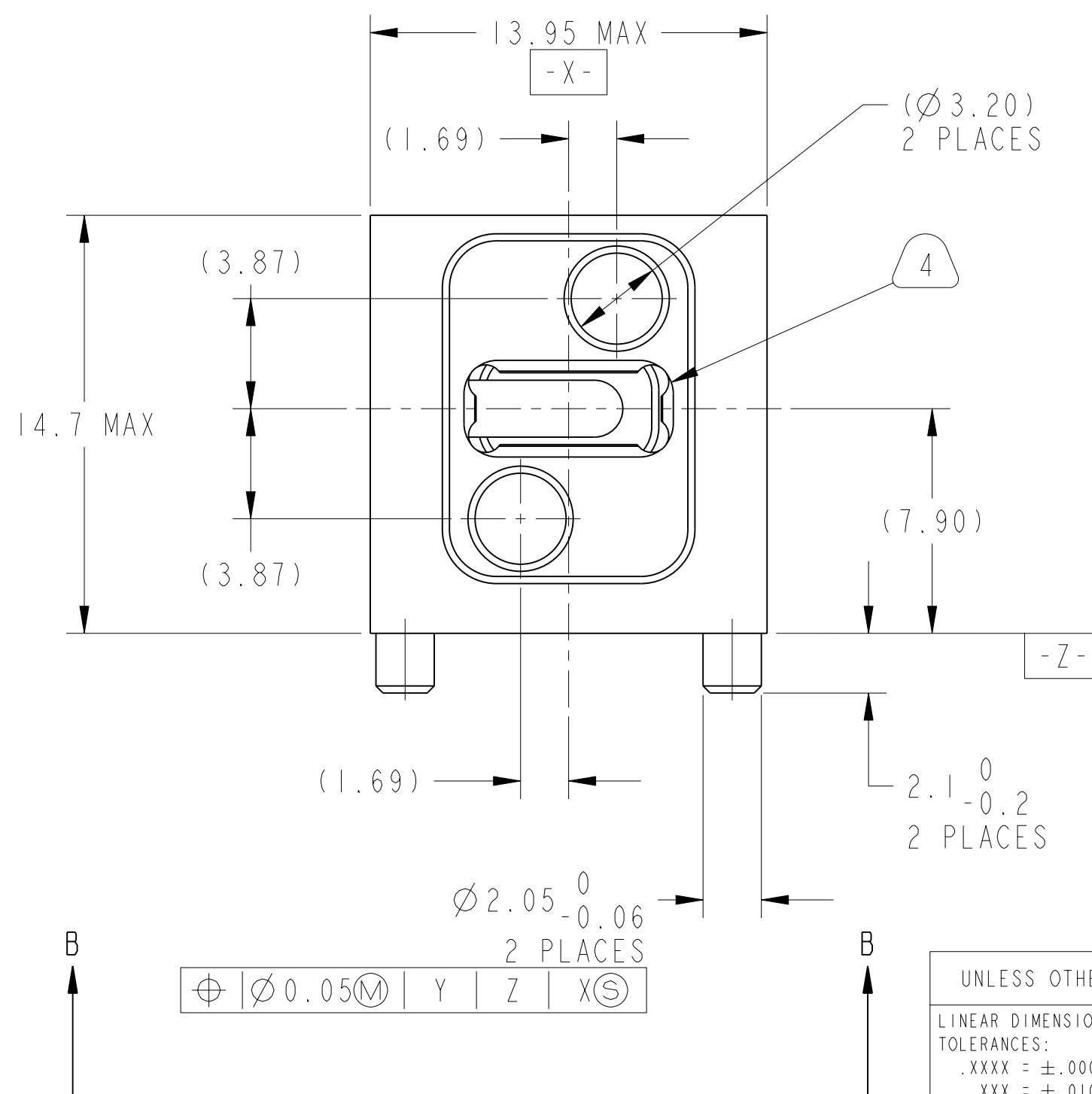
C

B

A



-Y-



$\varnothing 0.05 \text{ (M)}$  | Y | Z | X  $\text{ (S)}$

SCALE 5.000

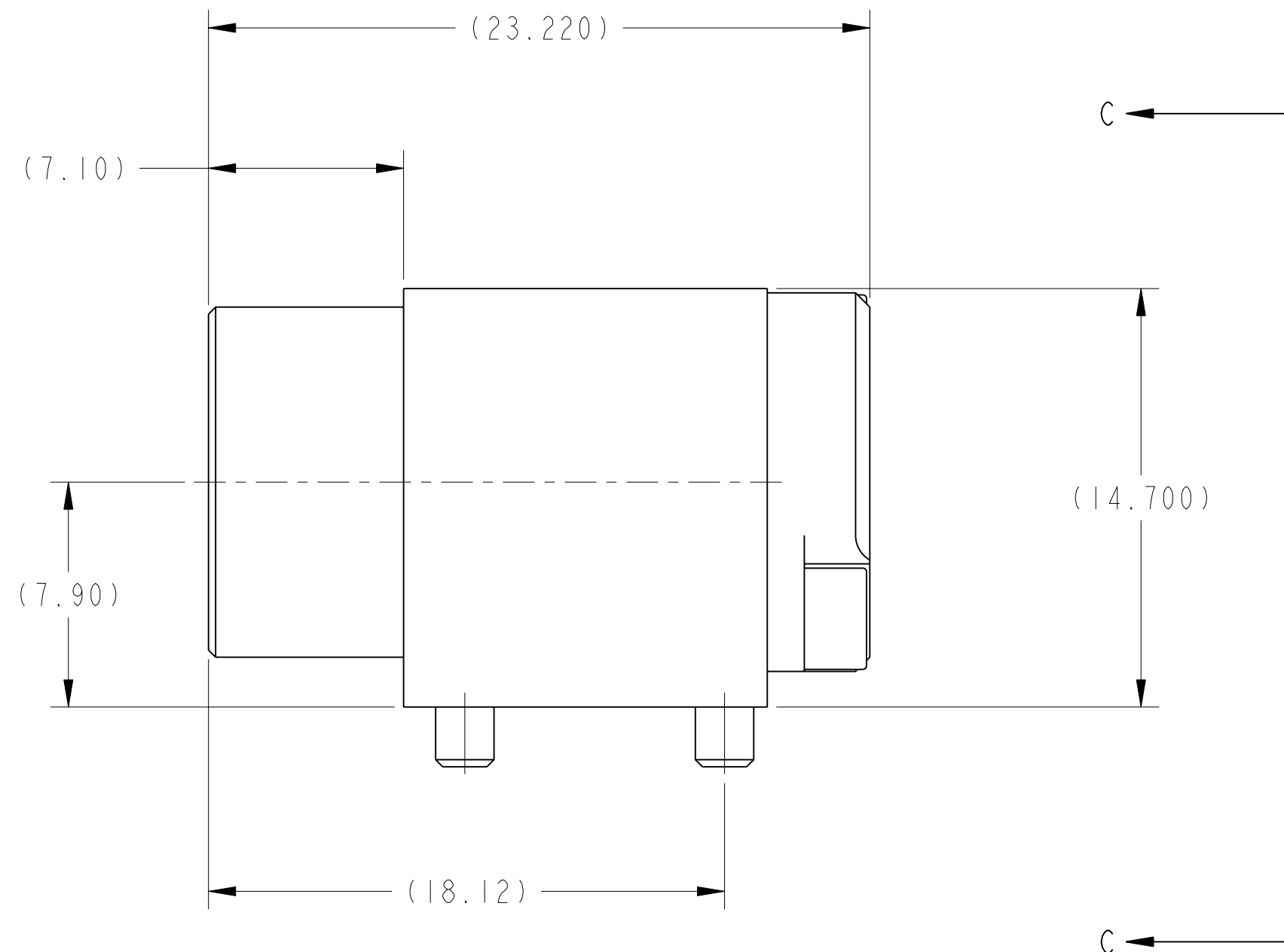
SEE SHEET 2

NOTES:

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N/A	PRO/ENGINEER INFORMATION
N/A	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 = $\pm 0.0005$ ANGLES = $\pm 2^\circ$ .XXX = $\pm 0.010$ .XX = $\pm 0.03$ .X = $\pm 0.1$	MATERIAL SPEC.	APPROVALS		DATE	PARTS LIST	
	NA	PREPARED BY R. CHAPMAN	ENGINEER IN CHARGE J. PAUL	19-0c1-15	<b>AMPHENOL CORPORATION</b> 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838	
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sds. PER 9-3800	PROCESS SPEC.	DESIGN MANAGER R. SELFRIDGE	DESIGN ACTIVITY GROUP BLP		<b>CONNECTOR, FIBER OPTIC, MODULE,          1 MT          (VITA 66.4)</b>	
	9-3856-5 9-3895	THIRD ANGLE PROJECTION			SIZE <b>C</b>	CAGE CODE <b>77820</b>
LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY					DOCUMENT NO. <b>10-504637-008</b>	REV. <b>PA1</b>
					SCALE: 3.0 REF: NA	SHEET 1 OF 3



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A

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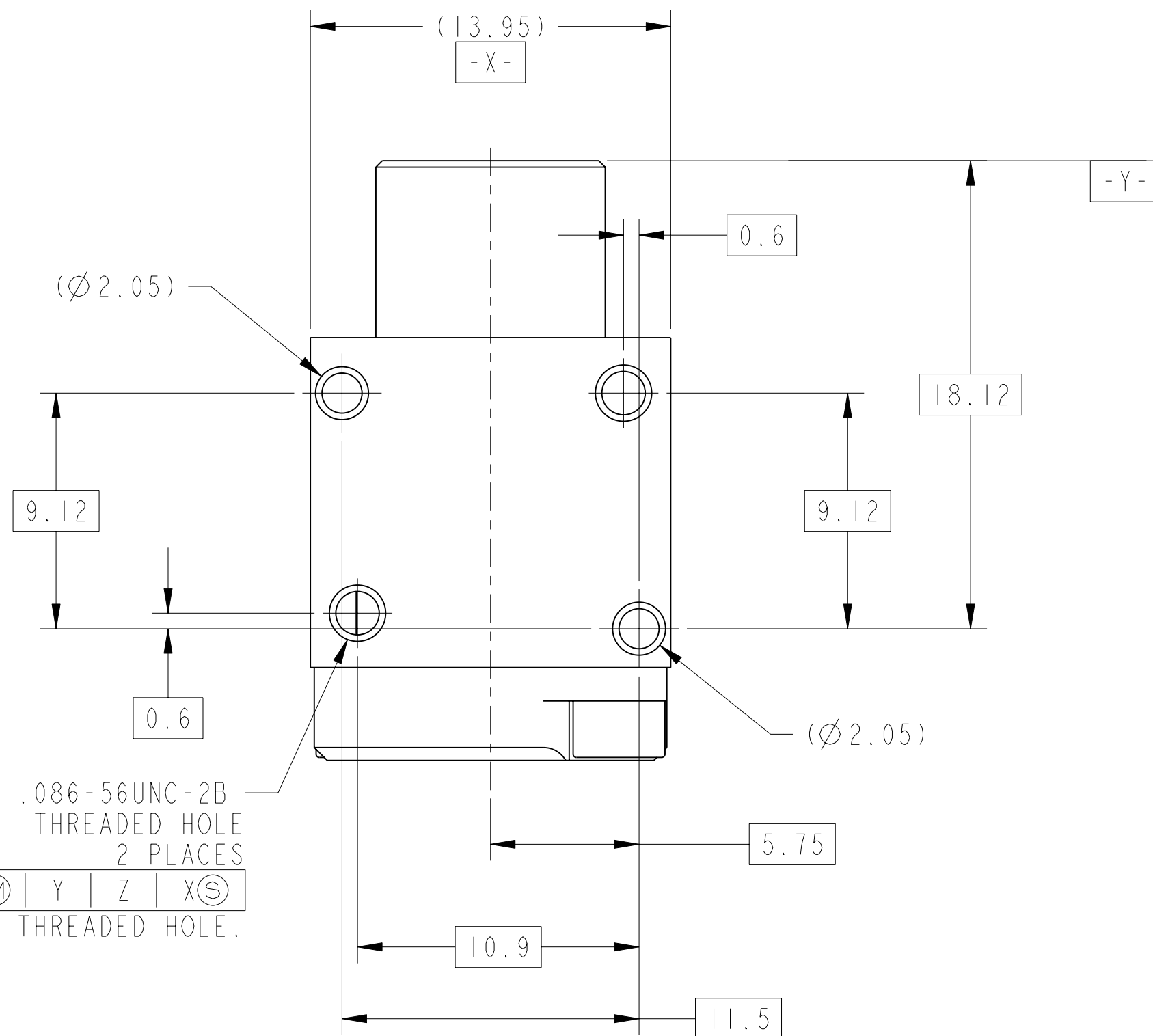
3

2

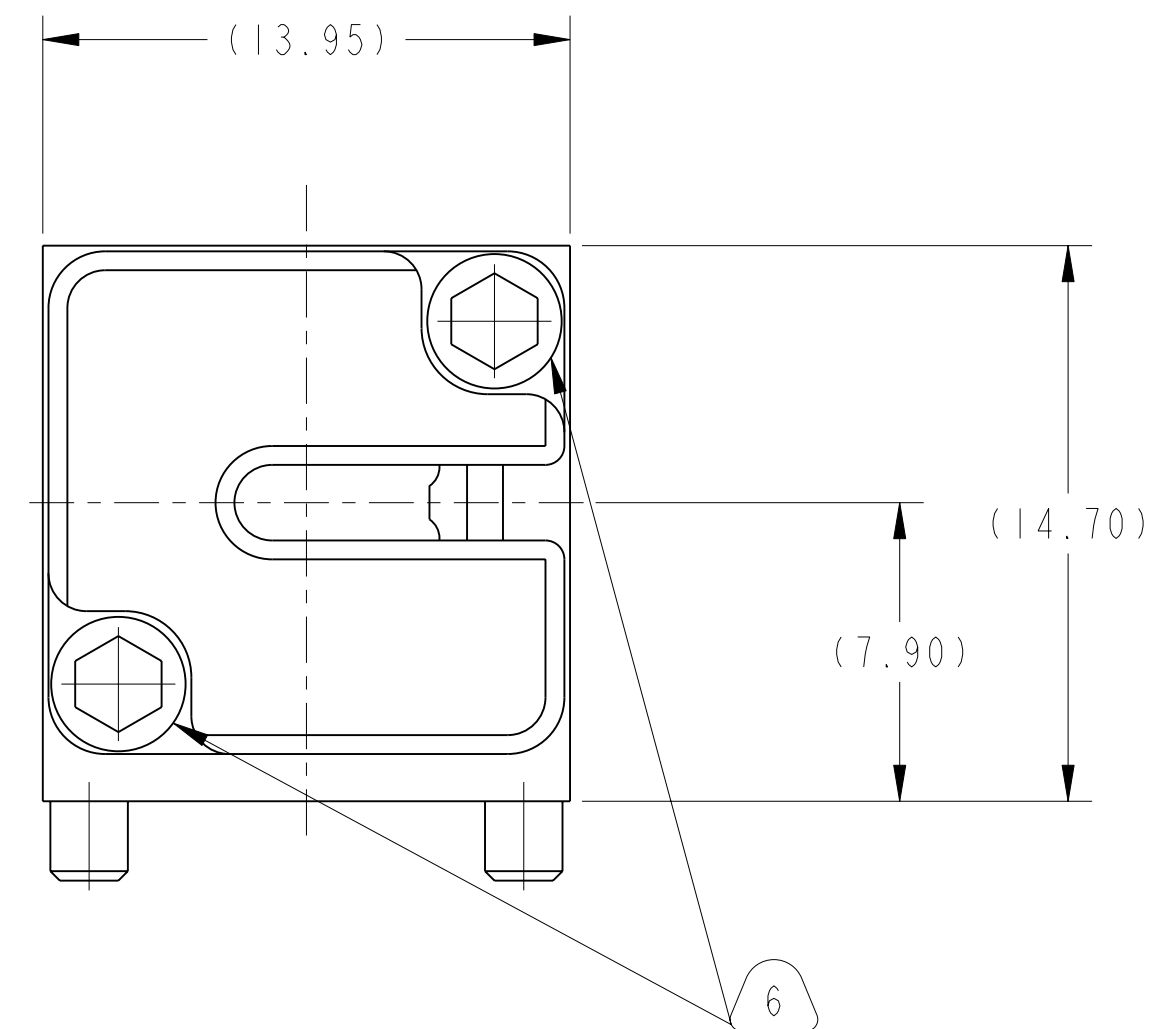
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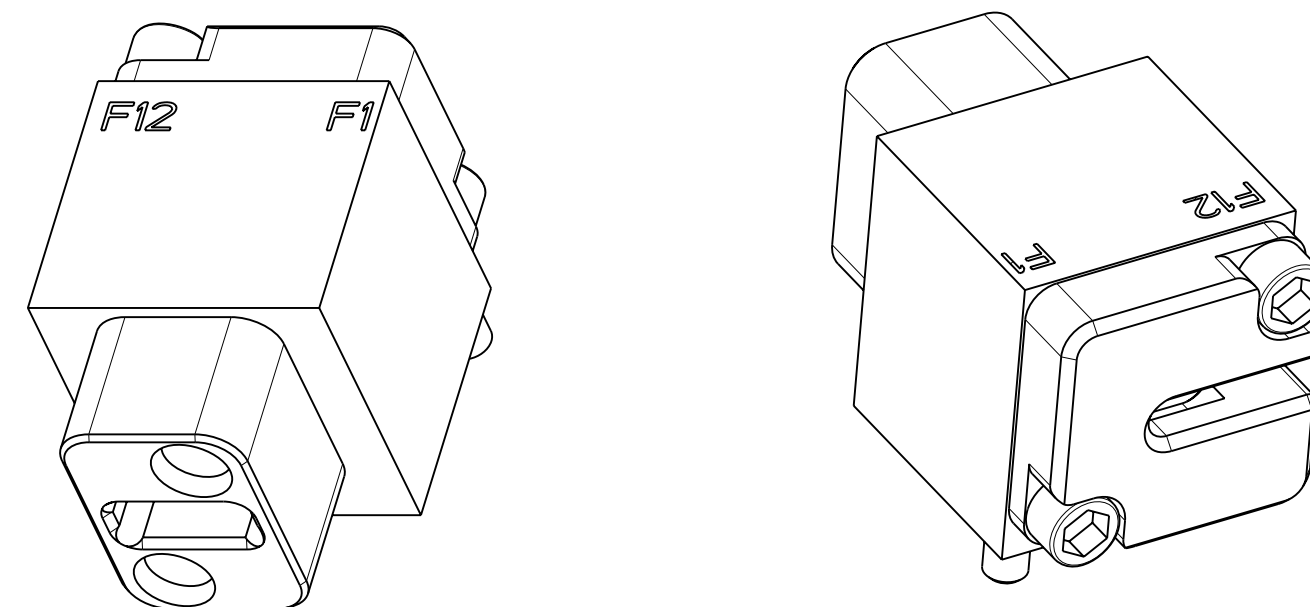
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VIEW AT B



VIEW AT C



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 CAVITY 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. STAMPING CAN BE ON BOTH SIDES OF PART.

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

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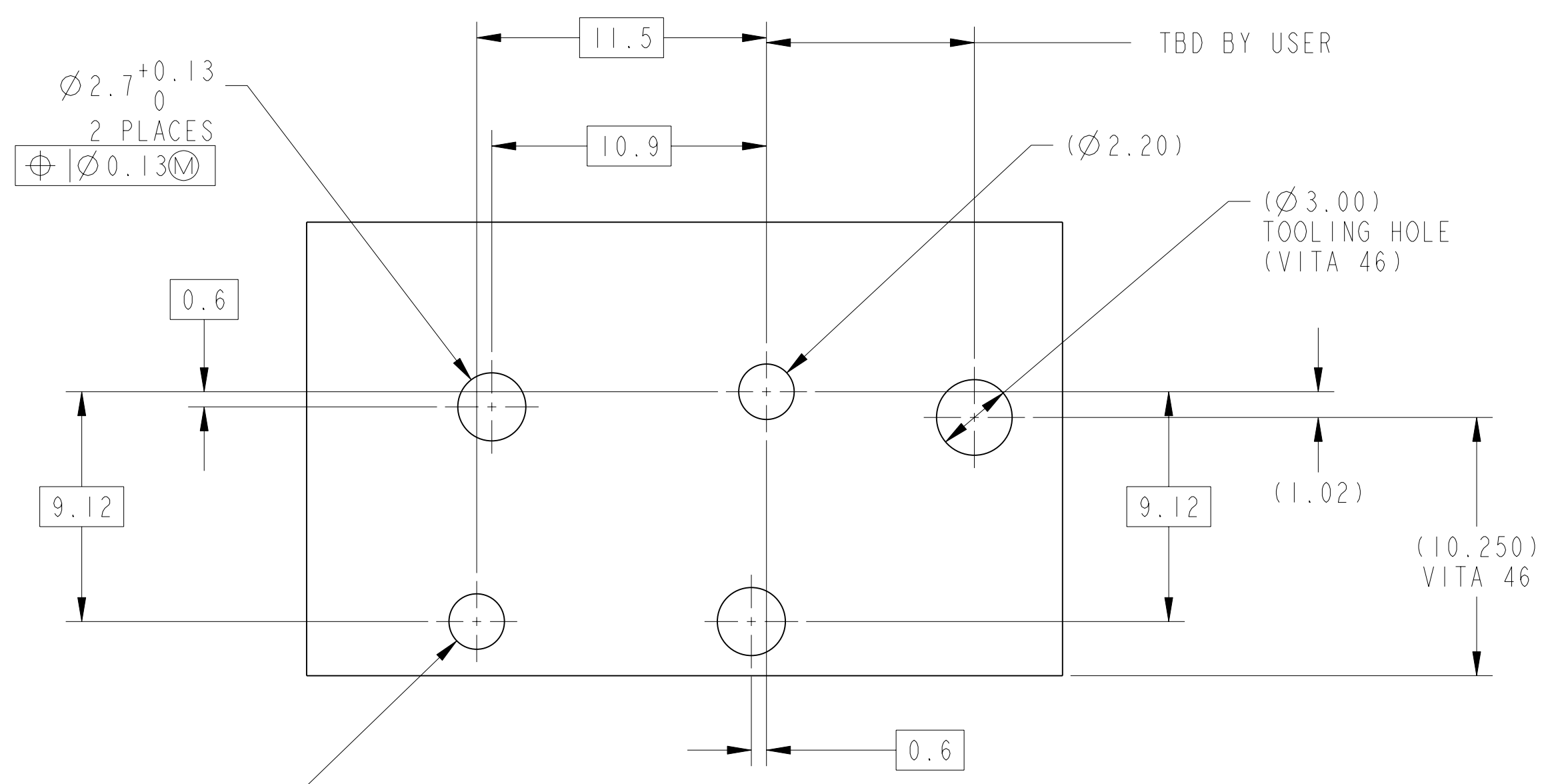
2

1

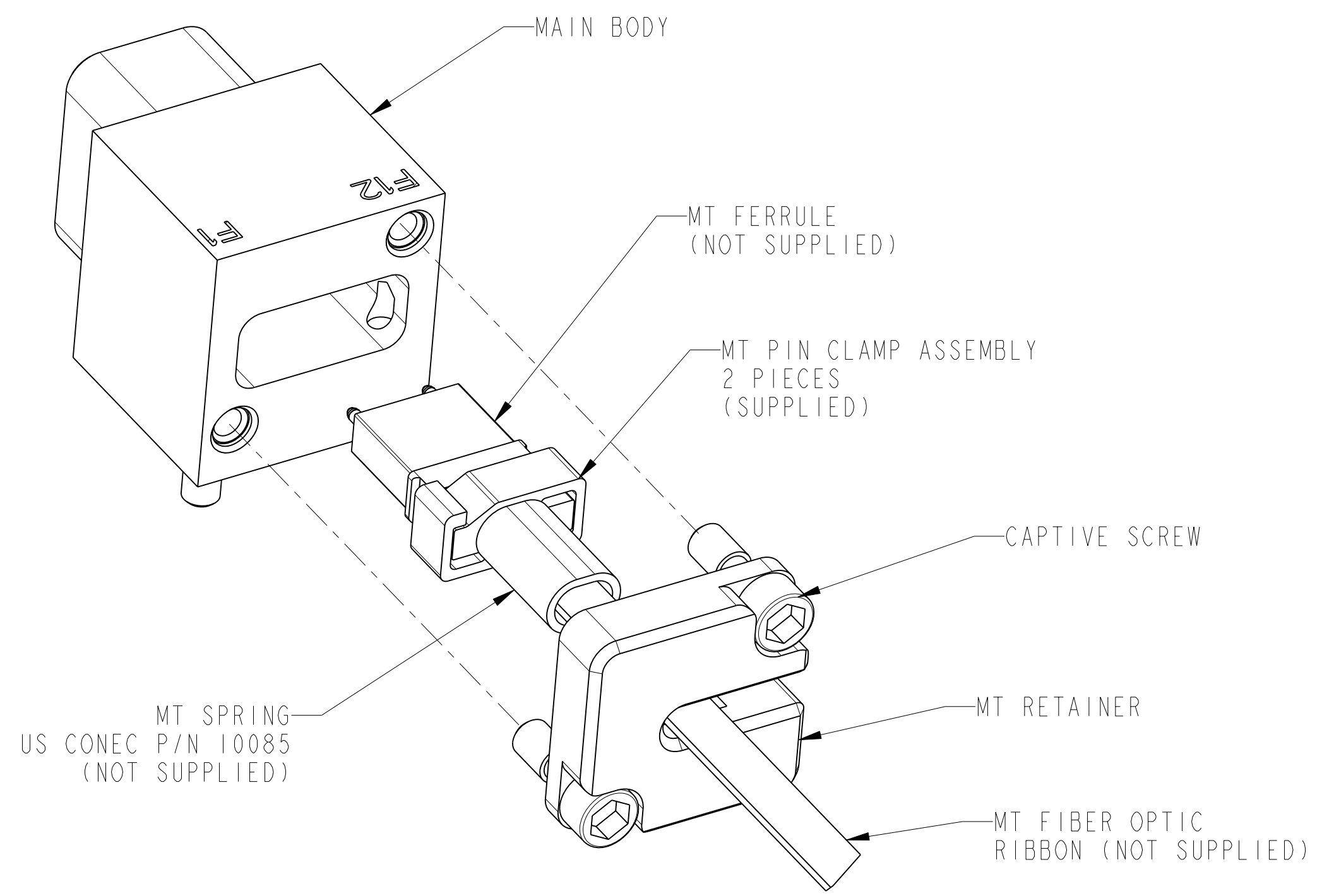
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**SUGGESTED MODULE PCB  
INTERFACE DIMENSIONS**  
SCALE 5.000



**REAR EXPLODED  
ASSEMBLY VIEW**  
SCALE 4.000

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