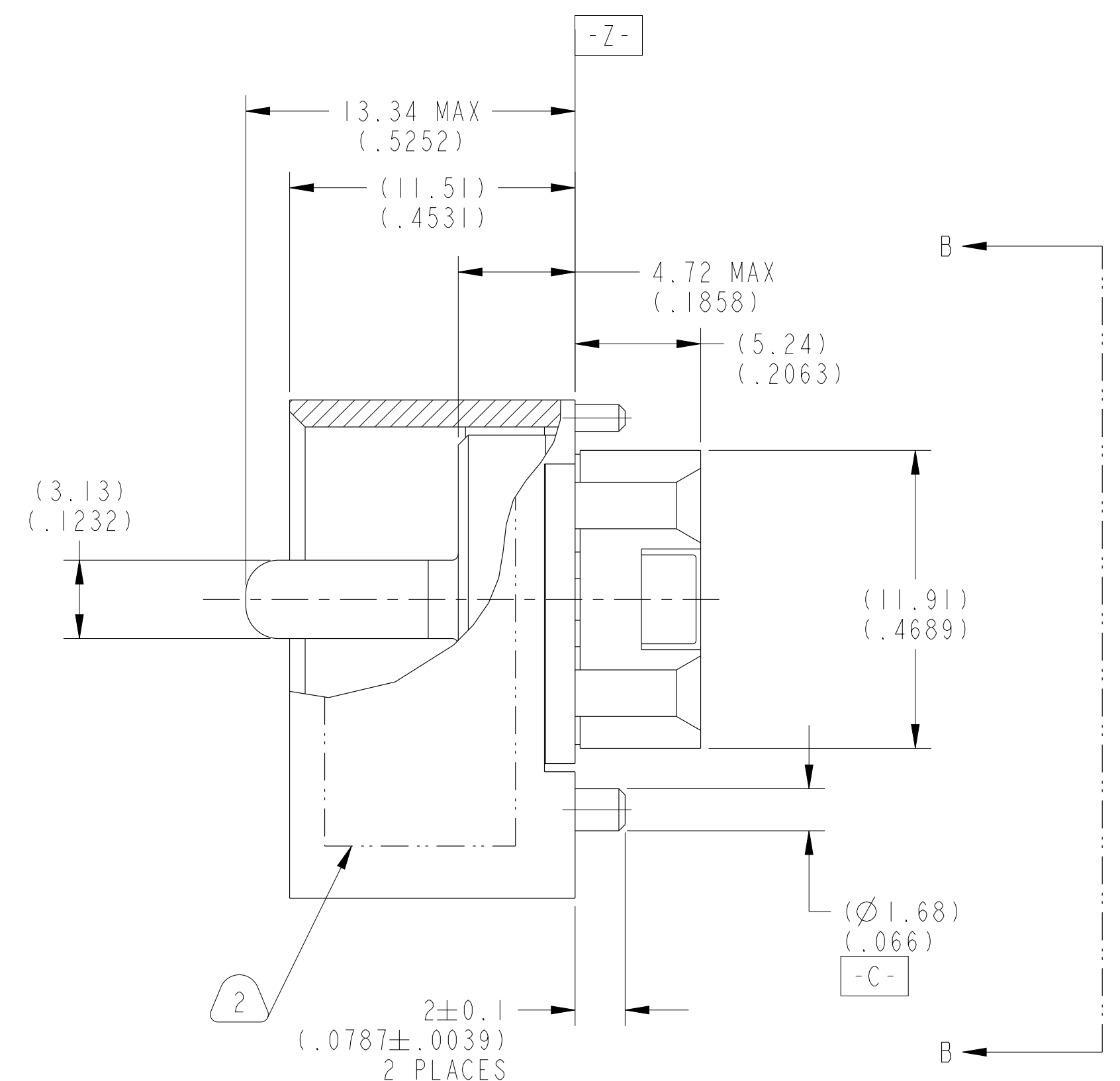
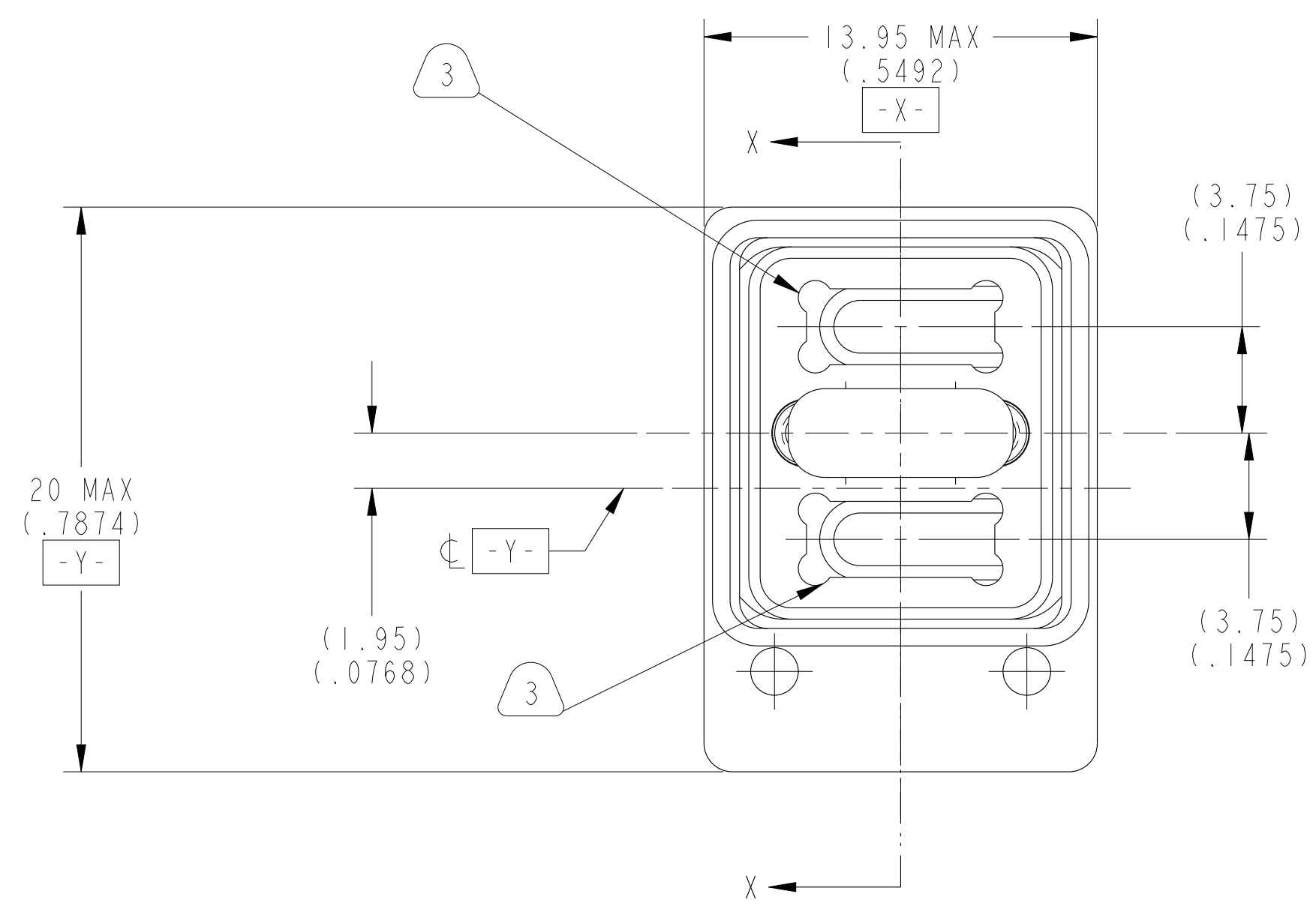
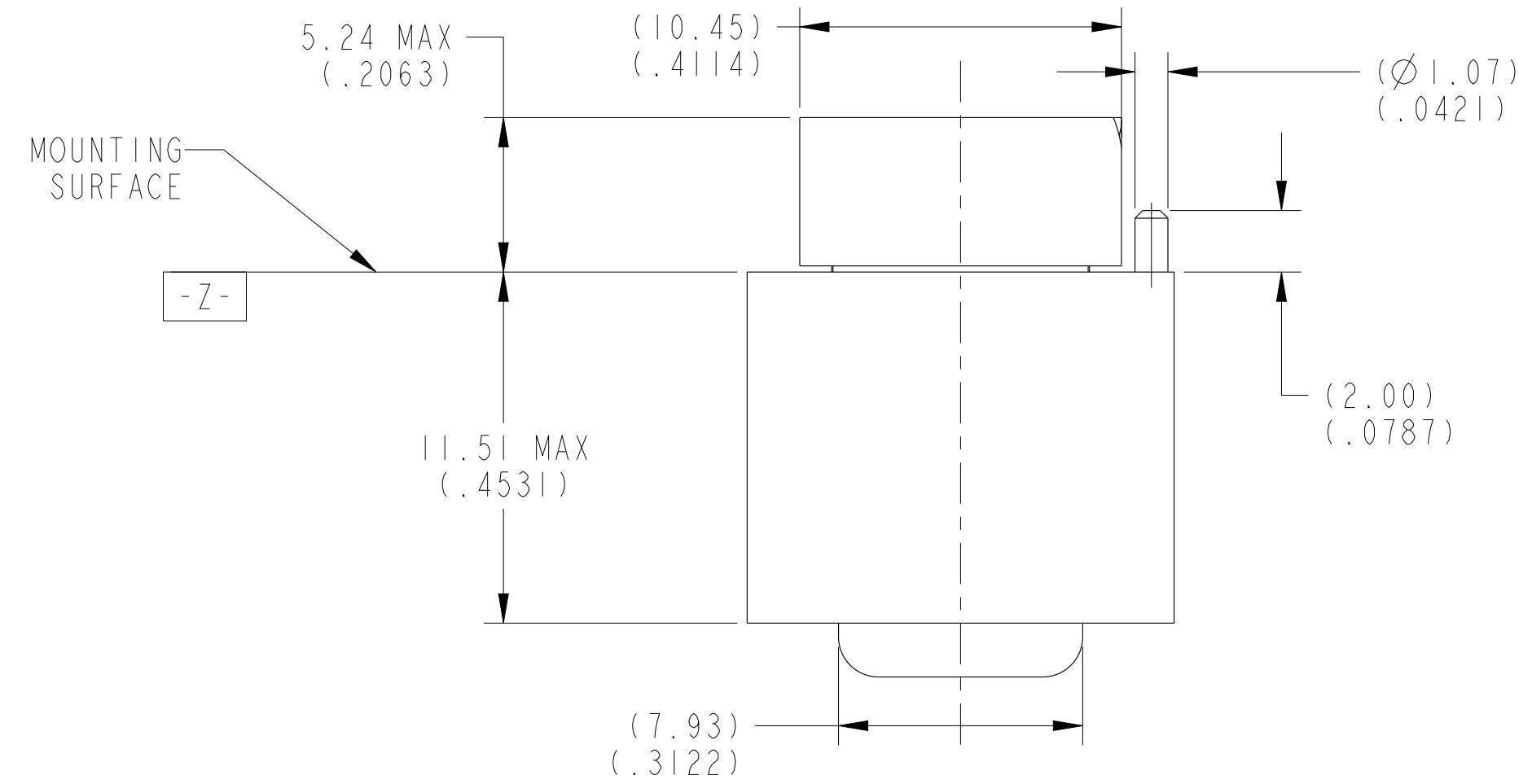


REV. B	SHEET 1 OF 3	10-504639-007
M REVISIONS		
LTR	DESCRIPTION	DATE
A	PRODUCTION RELEASE	6/21/18
B	CL(11) SEE CHANGE NOTICE ECN: D0089	11/1/19



**SECTION X-X**  
**METRIC DRAWING**

SEE SHEET 2

**NOTES:**  
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SCALE 5.000

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN MILLIMETERS TOLERANCES: (INCHES) .XXXX = ±NA ANGLES= ±2° .XXX = ±NA .XX = ±.13 .X = ±.25 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.	PARTS LIST				
	NONE	<b>AMPHENOL CORPORATION</b> 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838 <b>CONNECTOR, FIBER OPTIC, BACKPLANE,            2 MT SPECIAL            (VITA 66.4 ENVELOPE)</b>				
PROCESS SPEC.	9-3895 9-3856-5	APPROVALS PREPARED BY R. CHAPMAN ENGINEER IN CHARGE E. HICKEY DESIGN MANAGER R. SELFRIDGE DESIGN ACTIVITY GROUP BLP 23-Jun-17		DATE	SIZE C CAGE CODE 77820 DOCUMENT NO. 10-504639-007 REF: 10-504639-006 SHEET 1 OF 3	

NONE	PRO/ENGINEER INFORMATION
NEXT ASSEMBLY	Pro/e Model Used: 10-504639-007.DWG.ASSEM Drawing Name: 10-504639-007

10-504639-007 DOCUMENT NO. SHEET 1 OF 3 REV. B

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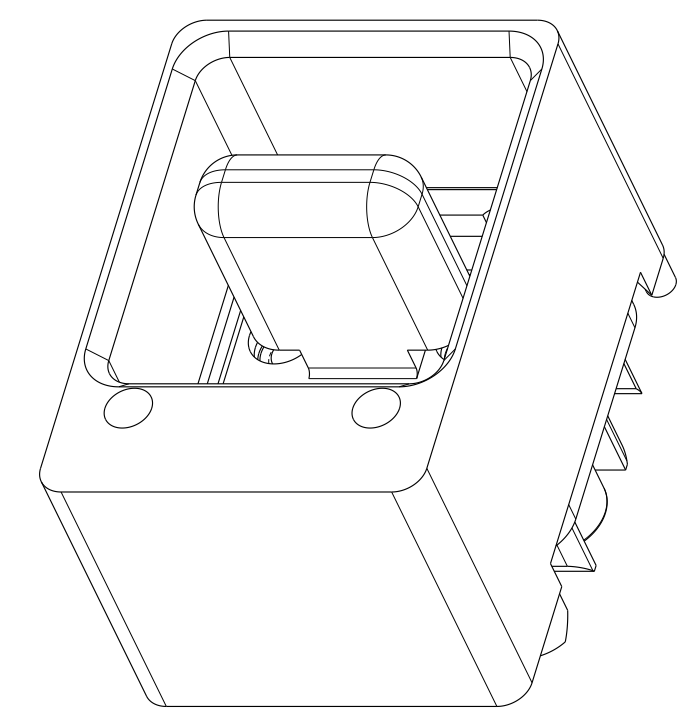
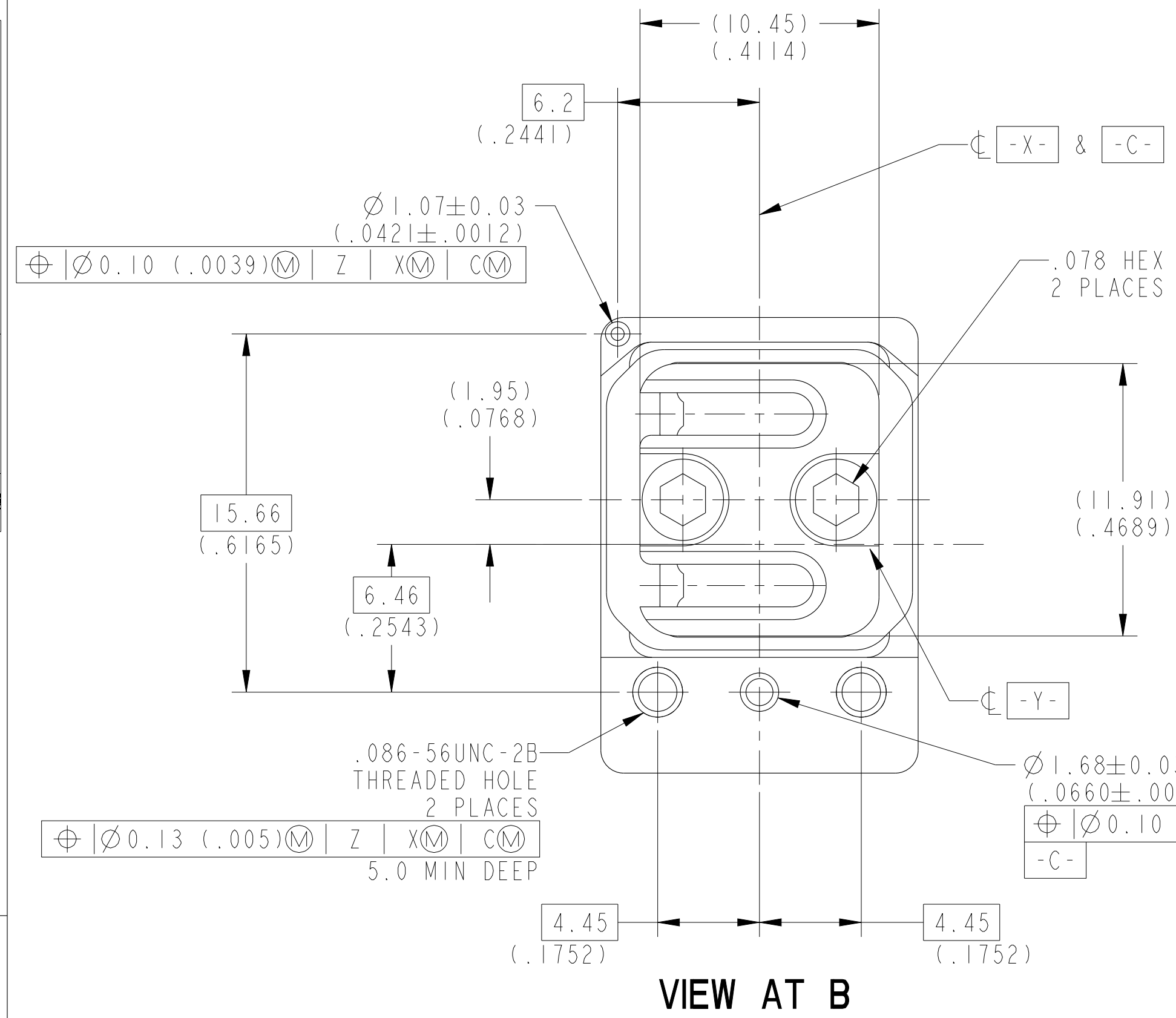
SHEET 2 OF 3

REV. B

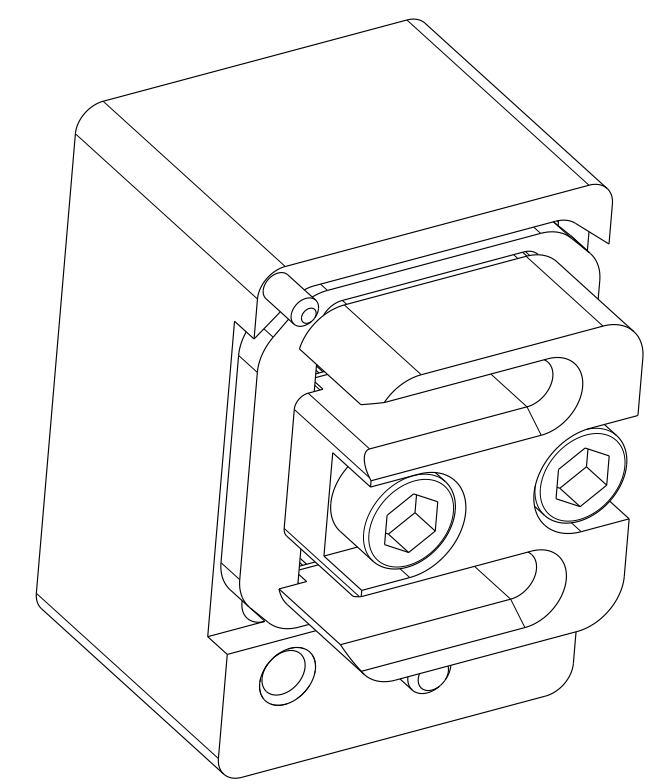
C

B

A



**TOP ISO VIEW**  
 SCALE 4.000



**BOTTOM ISO VIEW**  
 SCALE 4.000

**VIEW AT B**

7. FOR CONNECTOR INSTALLATION ILLUSTRATION SEE SHEET 3.
6. FOR MATING MODULE CONNECTOR ASSEMBLY, SEE DRAWING 10-504637-009.
5. TIGHTEN CAPTIVE SCREWS TO 2-3 IN-LBS AFTER INSTALLING MT FERRULE (NOT INCLUDED).
4. FIBER OPTIC INSERT IS DESIGNED FOR MT TYPE FERRULES TERMINATED TO NON-STRENGTH MEMBERED RIBBON CABLE.
3. INDICATED CAVITIES WILL ACCOMODATE A STANDARD 12 CHANNEL MT FERRULE PER IEC 61754-5 (SEE NOTE 4).
2. BLACK INK STAMP "APH" 77820 PART NUMBER AND DATE CODE ON INDICATED SURFACE PER 9-3856-5. DATE CODE PER 9-3895. CHARACTERS TO BE 1.6±.51 (.062±.020) HIGH. ADDITIONAL INFORMATION MAY BE REQUESTED BY PURCHASE ORDER.
1. PARTS ARE SHIPPED UNASSEMBLED.

**MATERIALS AND FINISHES**

COMPONENT	MATERIAL/ FINISH
BACKPLANE SHELL	BODY - MATERIAL - ALUM. ALLOY PER AMS 4150 FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3
INSERT ASSEMBLY	FRONT INSERT/RETAINER - MATERIAL - ALUM ALLOY PER AMS 4150 FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL3 SCREW - STAINLESS STEEL 300 SERIES, PASSIVATED HELICAL INSERTS - STAINLESS STEEL 300 SERIES, PASSIVATED

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SIZE <b>C</b>	CAGE CODE <b>77820</b>	DOCUMENT NO. <b>10-504639-007</b>	REV. <b>B</b>
SCALE: 3.0	REF. 10-504639-006	SHEET 2 OF 3	

REV. B  
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10-504639-007

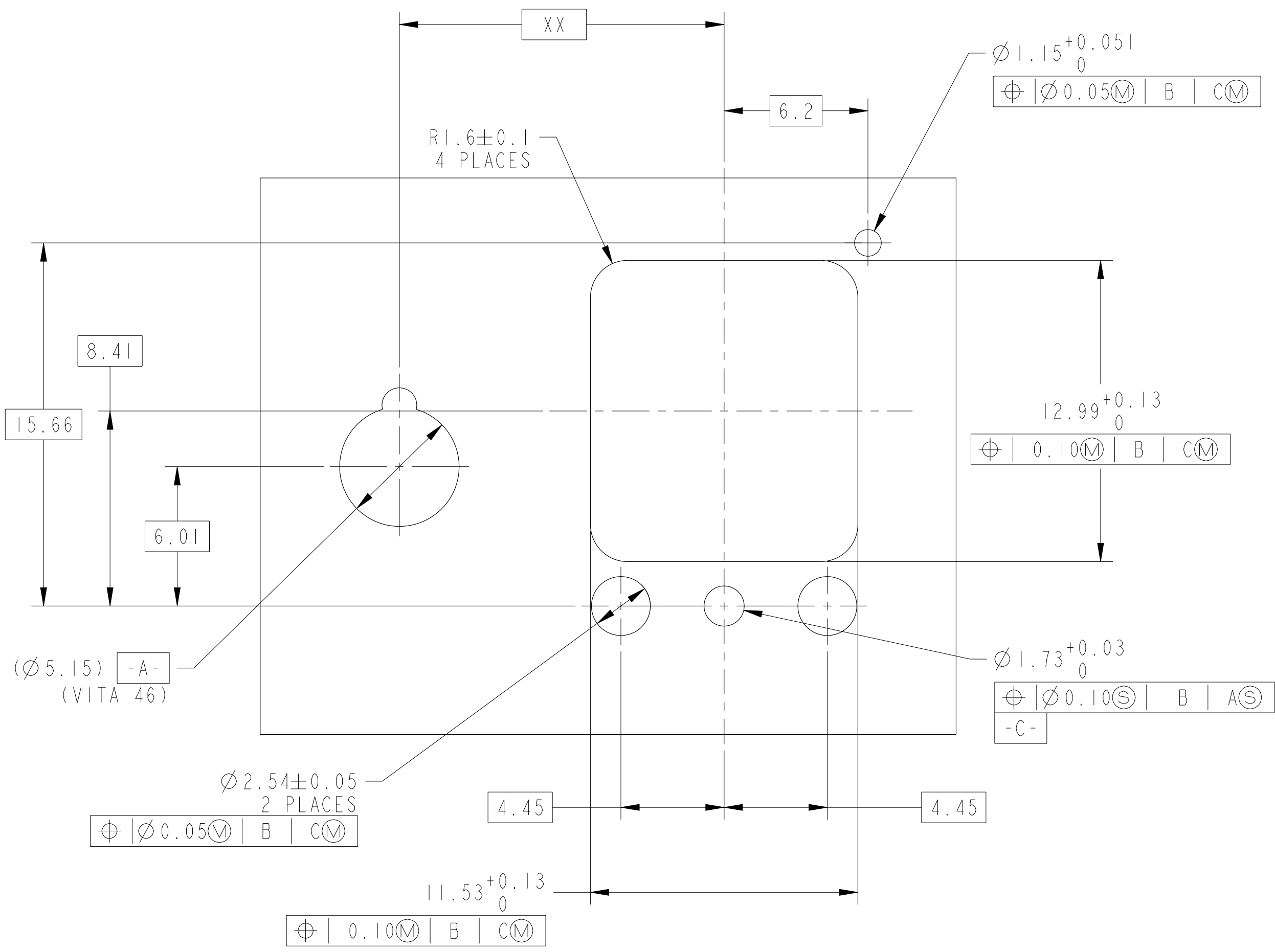
SHEET 3 OF 3

REV. B

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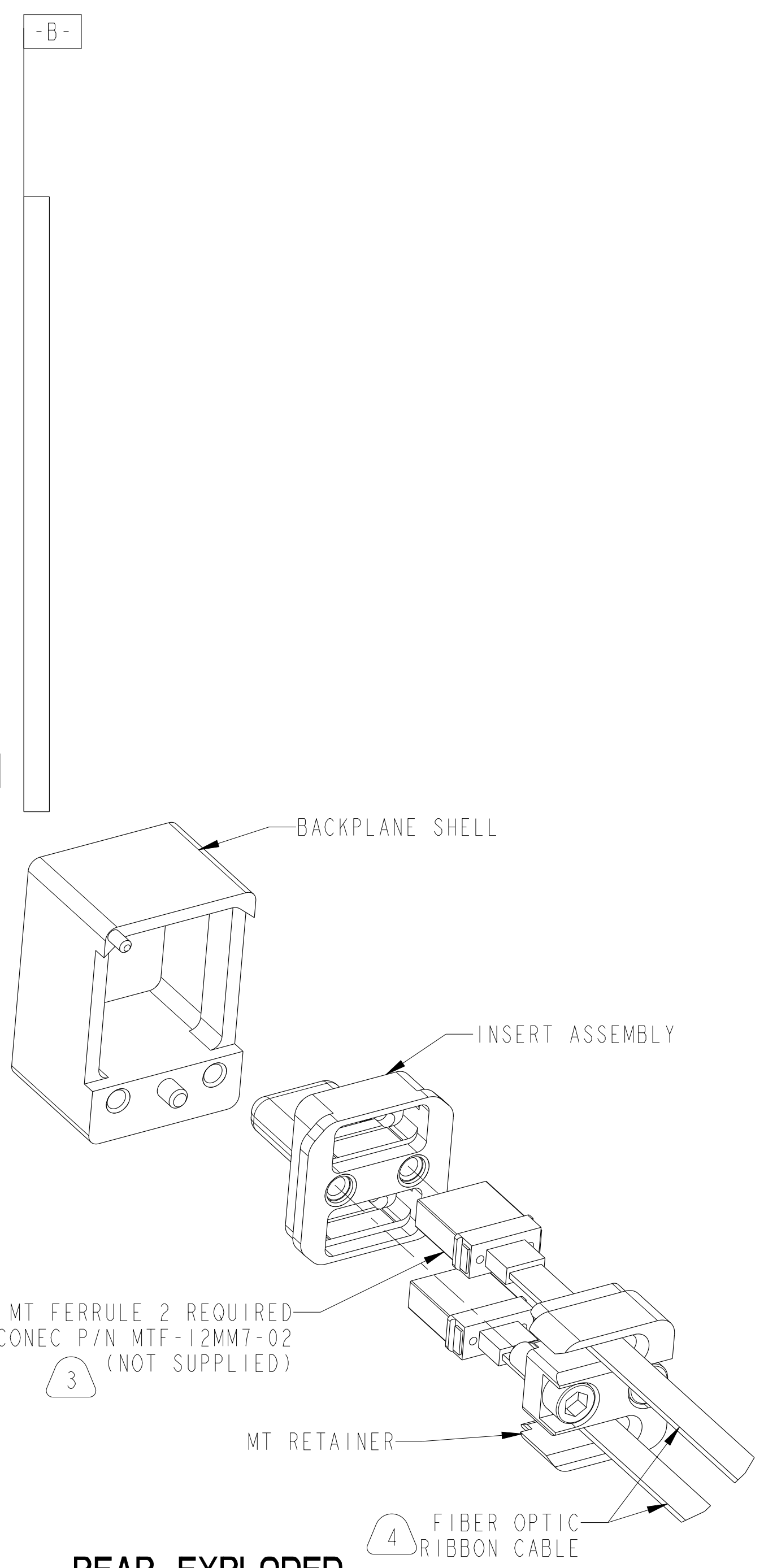
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**SUGGESTED BACKPLANE BOARD CUTOUTS**  
 (CONNECTOR SIDE SHOWN)  
 SCALE 6.000

CONNECTOR LOCATION	
POSITION	DIMENSION "XX"
J2A	58.73
J2B	72.85
J3A	101.60
J3B	115.72
J4A	130.40
J4B	144.52
J5A	159.20
J5B	173.32
J6A	188.00
J6B	202.12

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**REAR EXPLODED ASSEMBLY VIEW**  
 SCALE 3.000

SIZE <b>C</b>	CAGE CODE <b>77820</b>	DOCUMENT NO. <b>10-504639-007</b>	REV. <b>B</b>
SCALE: 3.0	REF. 10-504639-006	SHEET 3 OF 3	

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SHEET 3 OF 3

10-504639-007

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