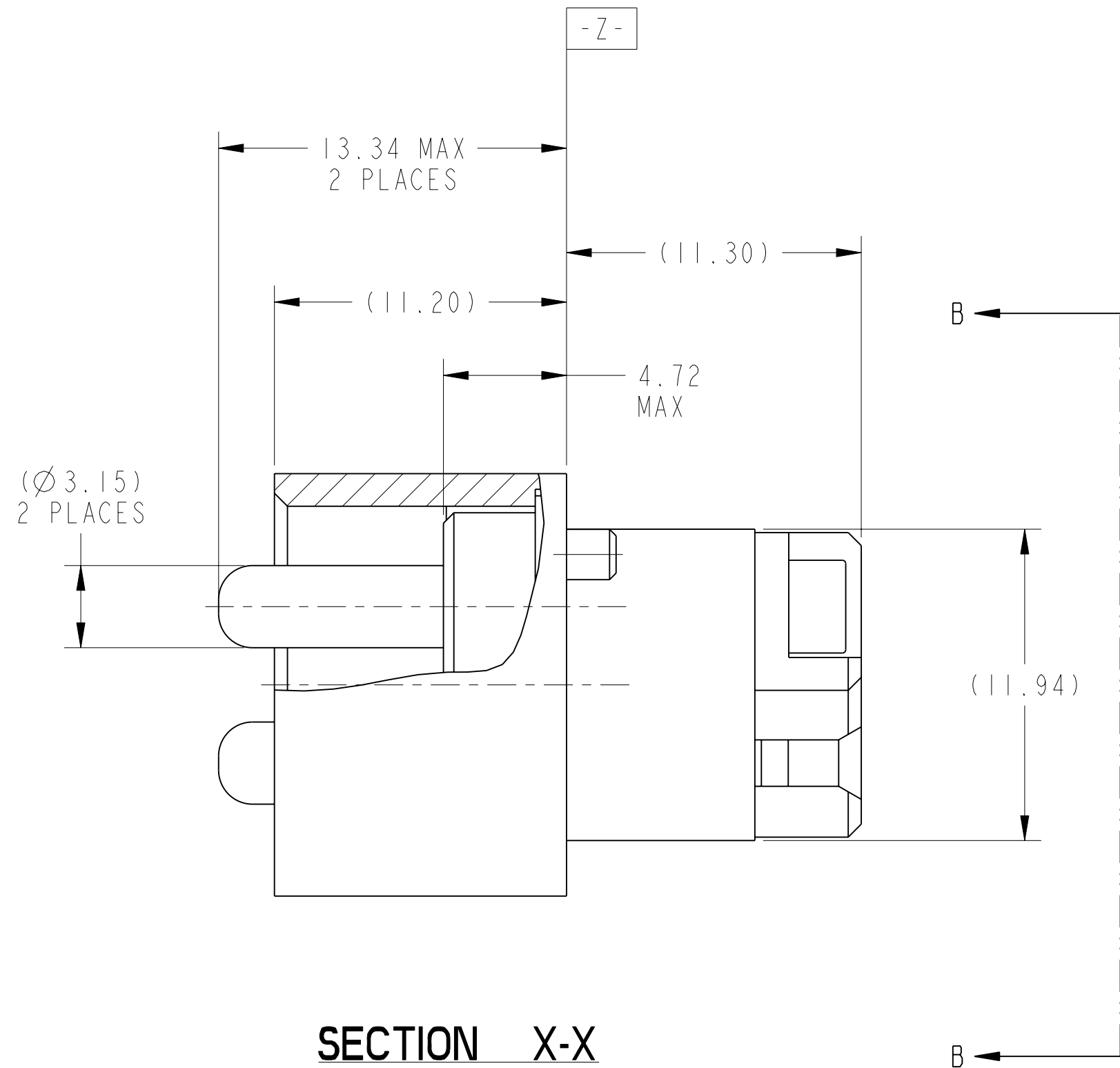
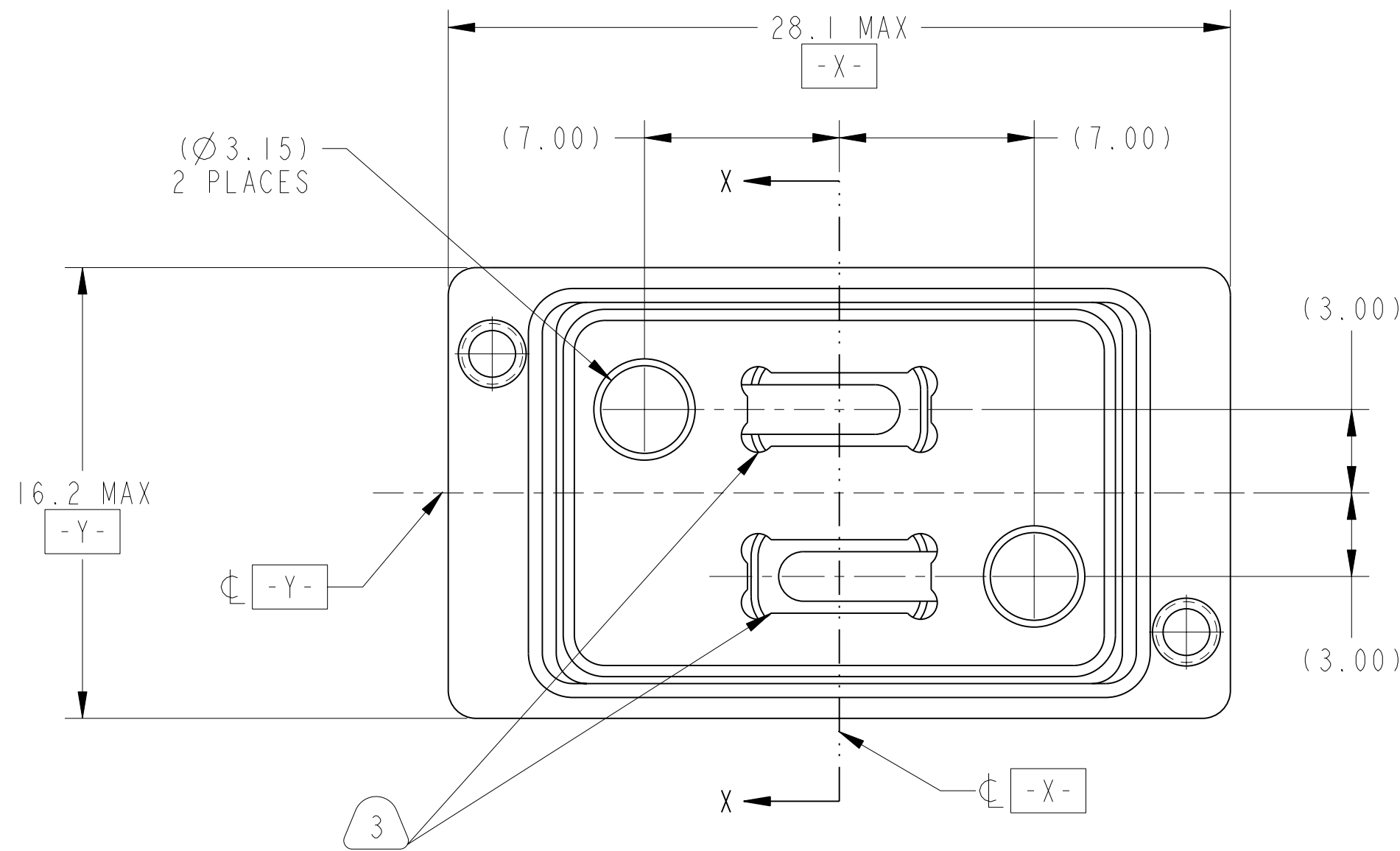
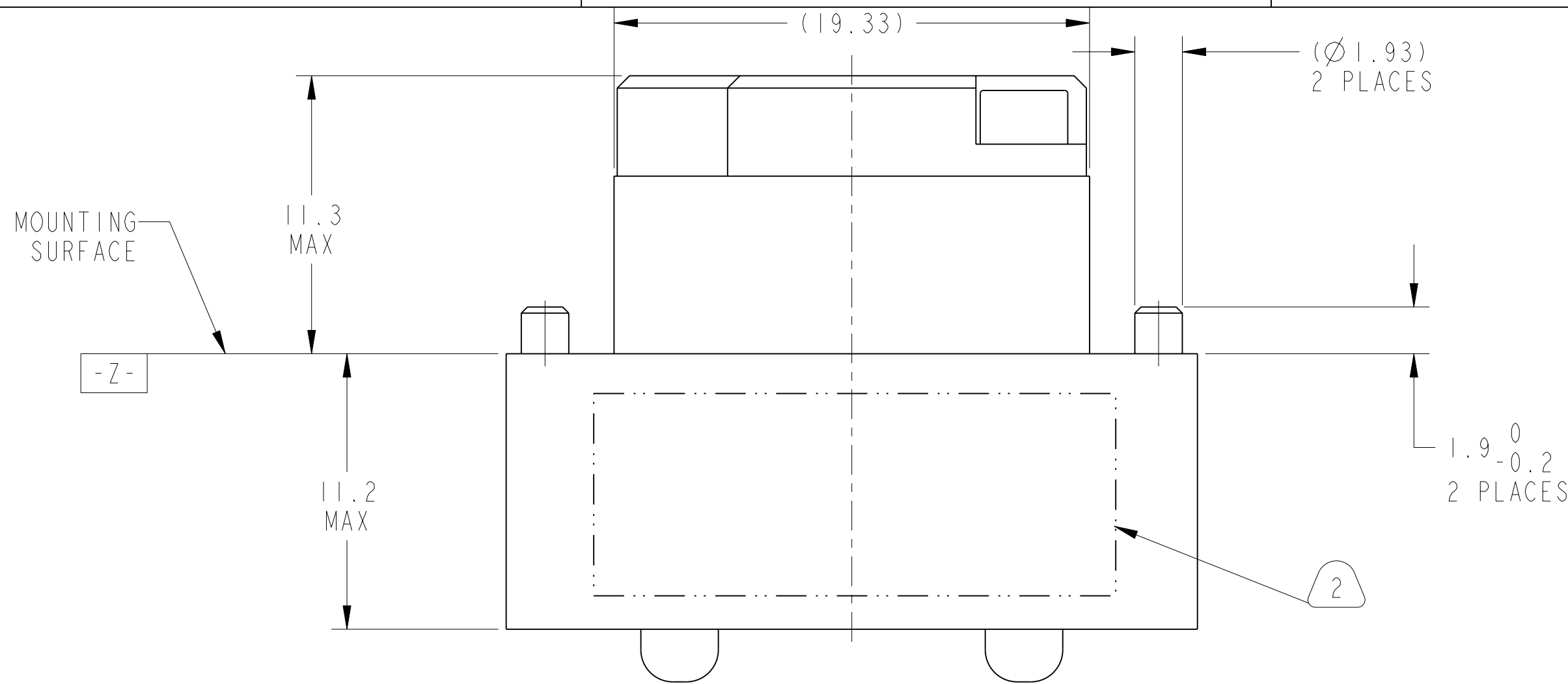


REV. PA1	SHEET 1 OF 3	DOCUMENT NO. 10-504639-011
M REVISIONS		
LTR	DESCRIPTION	DATE
PA1	INITIAL RELEASE	4/5/18



SECTION X-X

METRIC DRAWING

SEE SHEET 2

NOTES:

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SCALE 5.000

NONE	PRO/ENGINEER INFORMATION
NEXT ASSEMBLY	Pro/e Model Used: 10-504639-011.DWG.ASSEM Drawing Name: 10-504639-011

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN MILLIMETERS TOLERANCES: .XXXX = ±NA ANGLES= ±2° .XXX = ±NA .XX = ±.13 .X = ±.25		MATERIAL SPEC. NONE		APPROVALS		DATE	PARTS LIST	
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sds. PER 9-3800		PROCESS SPEC. 9-3856-5 9-3895		PREPARED BY R. CHAPMAN	ENGINEER IN CHARGE E. HICKEY	05-Apr-18	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838	
LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY		THIRD ANGLE PROJECTION		DESIGN MANAGER R. SELFRIDGE	DESIGN ACTIVITY GROUP BLP	CONNECTOR, FIBER OPTIC, BACKPLANE, 2 MT SPECIAL, SPRING LOADED (VITA 66.1 ENVELOPE)		U
				SIZE C		CAGE CODE 77820	DOCUMENT NO. 10-504639-011	REV. PA1
				SCALE: 2.0		REF: 10-504639-002	SHEET 1 OF 3	

10-504639-011

SHEET 1 OF 3

REV. PA1

C

B

A

D

C

REV. PA1

SHEET 1 OF 3

10-504639-011

A

4

3

2

11.3 MAX

11.2 MAX

(19.33)

(Ø1.93)
2 PLACES

1.9⁰_{-0.2}
2 PLACES

28.1 MAX

(Ø3.15)
2 PLACES

(7.00)

(7.00)

16.2 MAX

(3.00)

(3.00)

(Ø3.15)
2 PLACES

13.34 MAX
2 PLACES

(11.20)

4.72 MAX

(11.30)

(11.94)

SECTION X-X

METRIC DRAWING

SEE SHEET 2

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				SIZE C		CAGE CODE 77820	DOCUMENT NO. 10-504639-011	REV. PA1
				SCALE: 2.0		REF: 10-504639-002	SHEET 1 OF 3	

4

3

2

11.3 MAX

11.2 MAX

(19.33)

(Ø1.93)
2 PLACES

1.9⁰_{-0.2}
2 PLACES

28.1 MAX

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(7.00)

(7.00)

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(3.00)

(3.00)

(Ø3.15)
2 PLACES

13.34 MAX
2 PLACES

(11.20)

4.72 MAX

(11.30)

(11.94)

SECTION X-X

METRIC DRAWING

SEE SHEET 2

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UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE
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DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sds. PER 9-3800		PROCESS SPEC. 9-3856-5 9-3895		PREPARED BY R. CHAPMAN	ENGINEER IN CHARGE E. HICKEY	05-Apr-18	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838	
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				SIZE C		CAGE CODE 77820	DOCUMENT NO. 10-504639-011	REV. PA1
				SCALE: 2.0		REF: 10-504639-002	SHEET 1 OF 3	

4

3

2

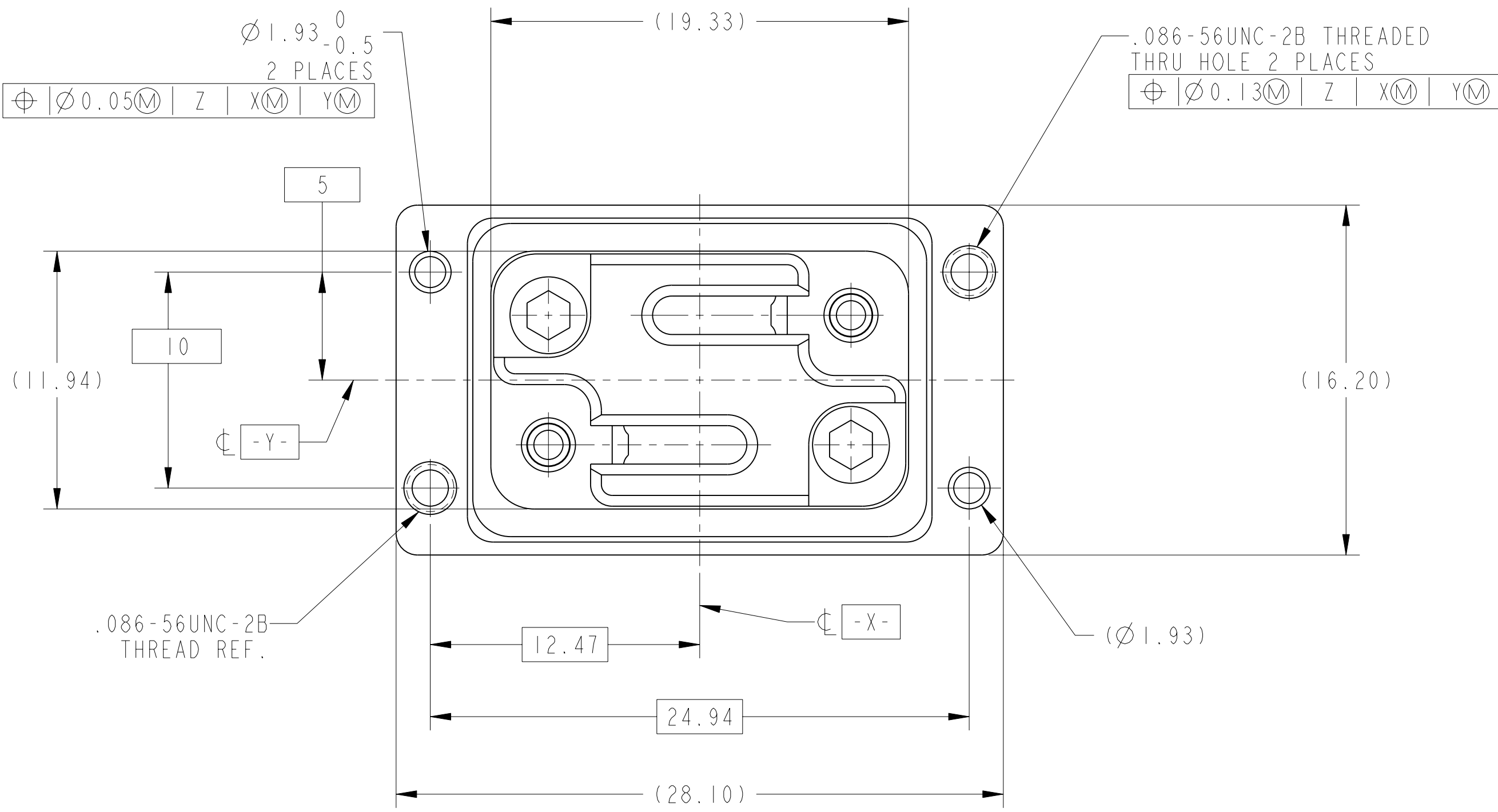
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SHEET 2 OF 3 REV. PA1

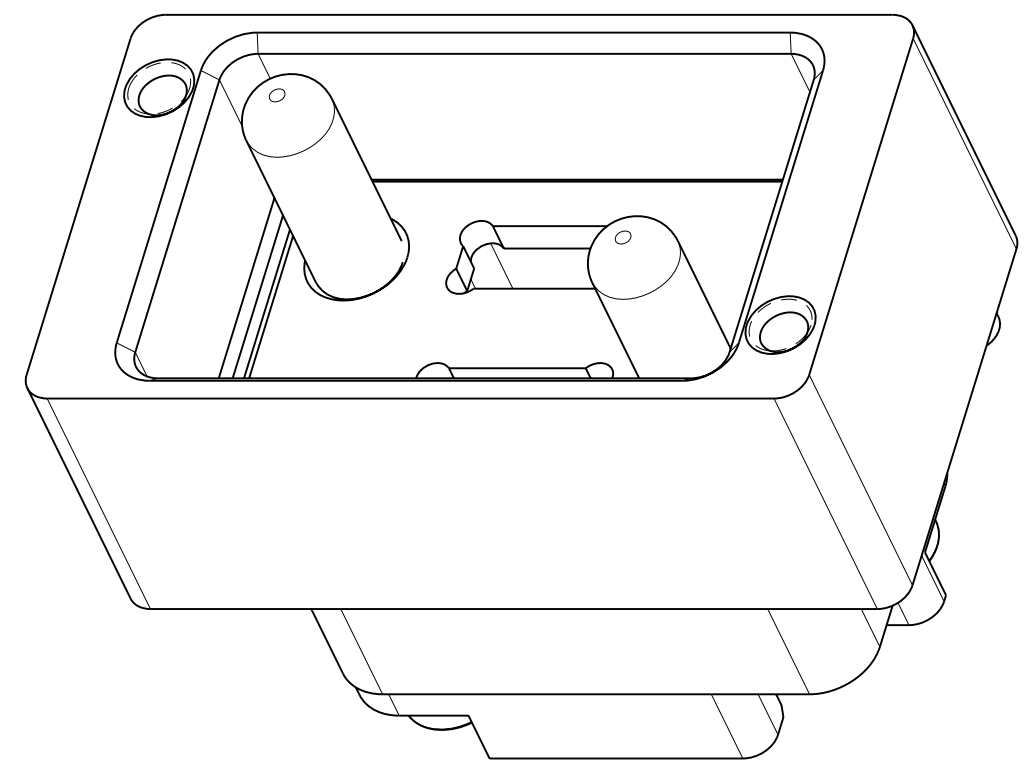
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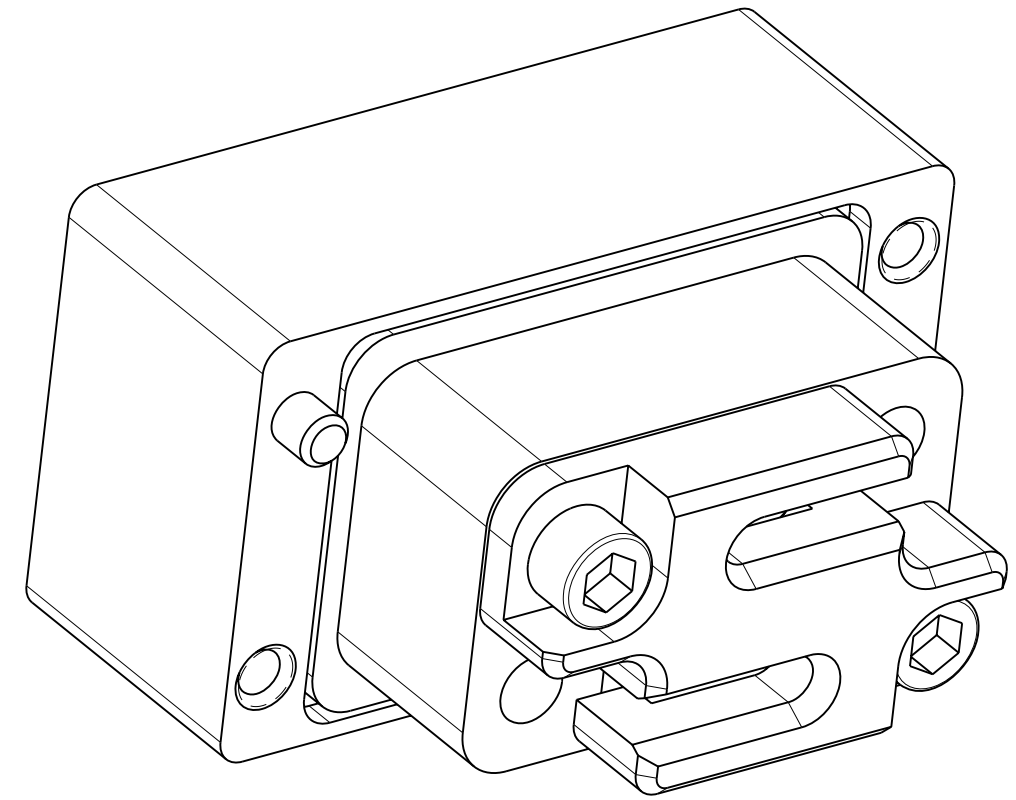
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VIEW AT B



TOP ISO VIEW
SCALE 4.000



BOTTOM ISO VIEW
SCALE 4.000

7. FOR CONNECTOR INSTALLATION ILLUSTRATION SEE SHEET 3.
6. FOR MATING MODULE CONNECTOR ASSEMBLY, SEE DRAWING 10-504637-013.
5. TIGHTEN CAPTIVE SCREWS TO 10-14 IN-OZ AFTER INSTALLING MT FERRULE (NOT INCLUDED).
4. FIBER OPTIC INSERT IS DESIGNED FOR MT TYPE FERRULES TERMINATED TO NON-STRENGTH MEMBERED RIBBON CABLE. MT FERRULES, PIN CLAMP ASSEMBLIES AND ASSOCIATED RIBBON CABLE ARE NOT PART OF THIS ASSEMBLY.
3. INDICATED CAVITIES WILL ACCOMODATE A STANDARD 12 CHANNEL MT FERRULE PER IEC 61754-5 (SEE NOTE 4).
2. BLACK INK STAMP "AMPH", 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.

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MATERIALS AND FINISHES

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

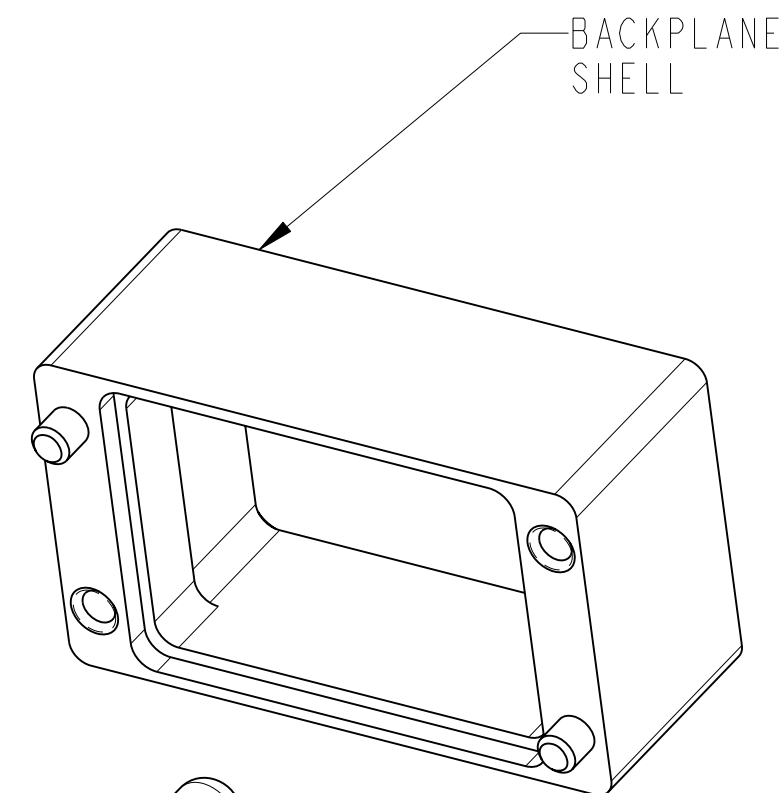
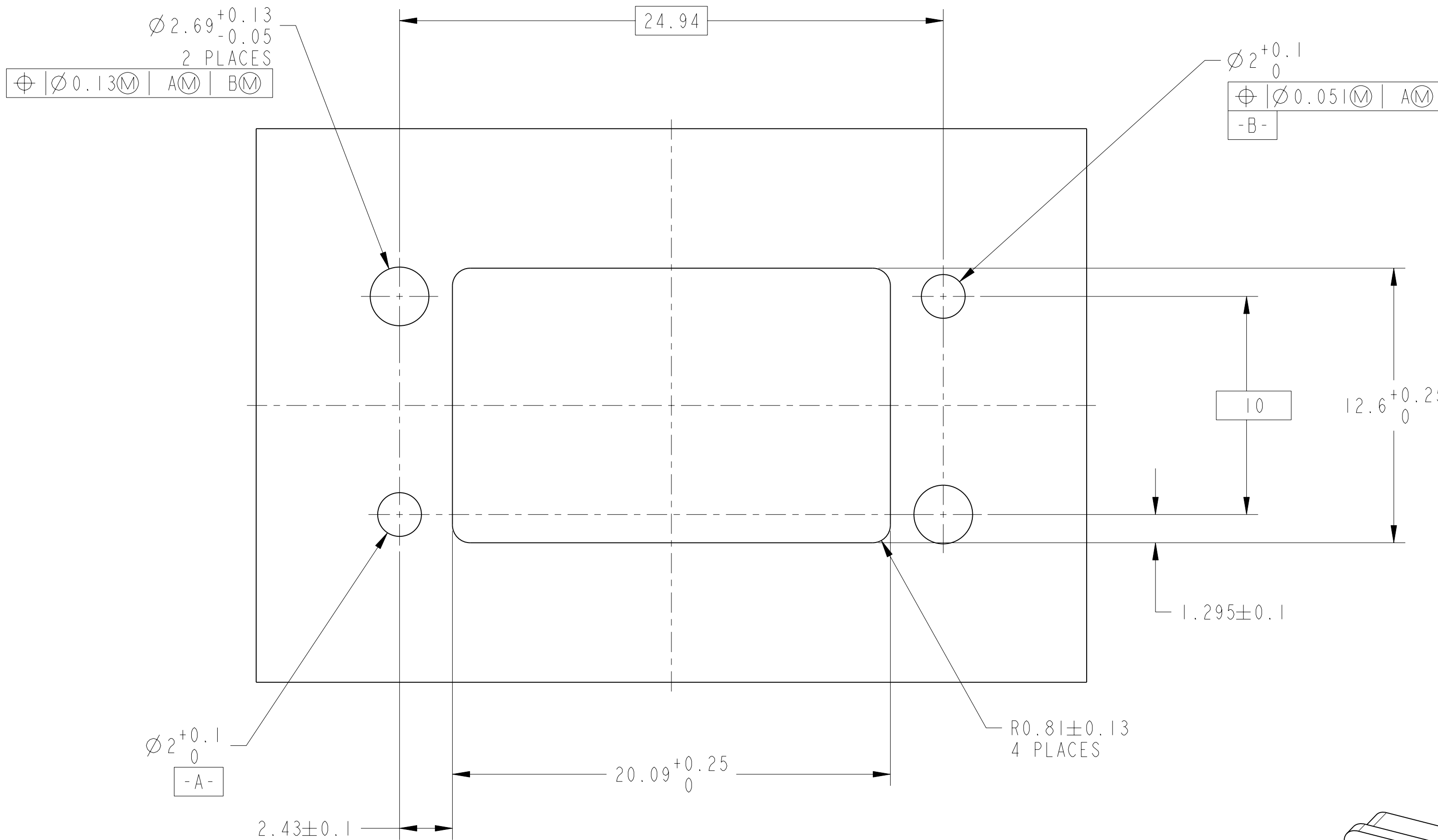
SIZE C	CAGE CODE 77820	DOCUMENT NO. 10-504639-011	REV. PA1
SCALE: 2.0	REF. 10-504639-002	SHEET 2 OF 3	

3

2

1

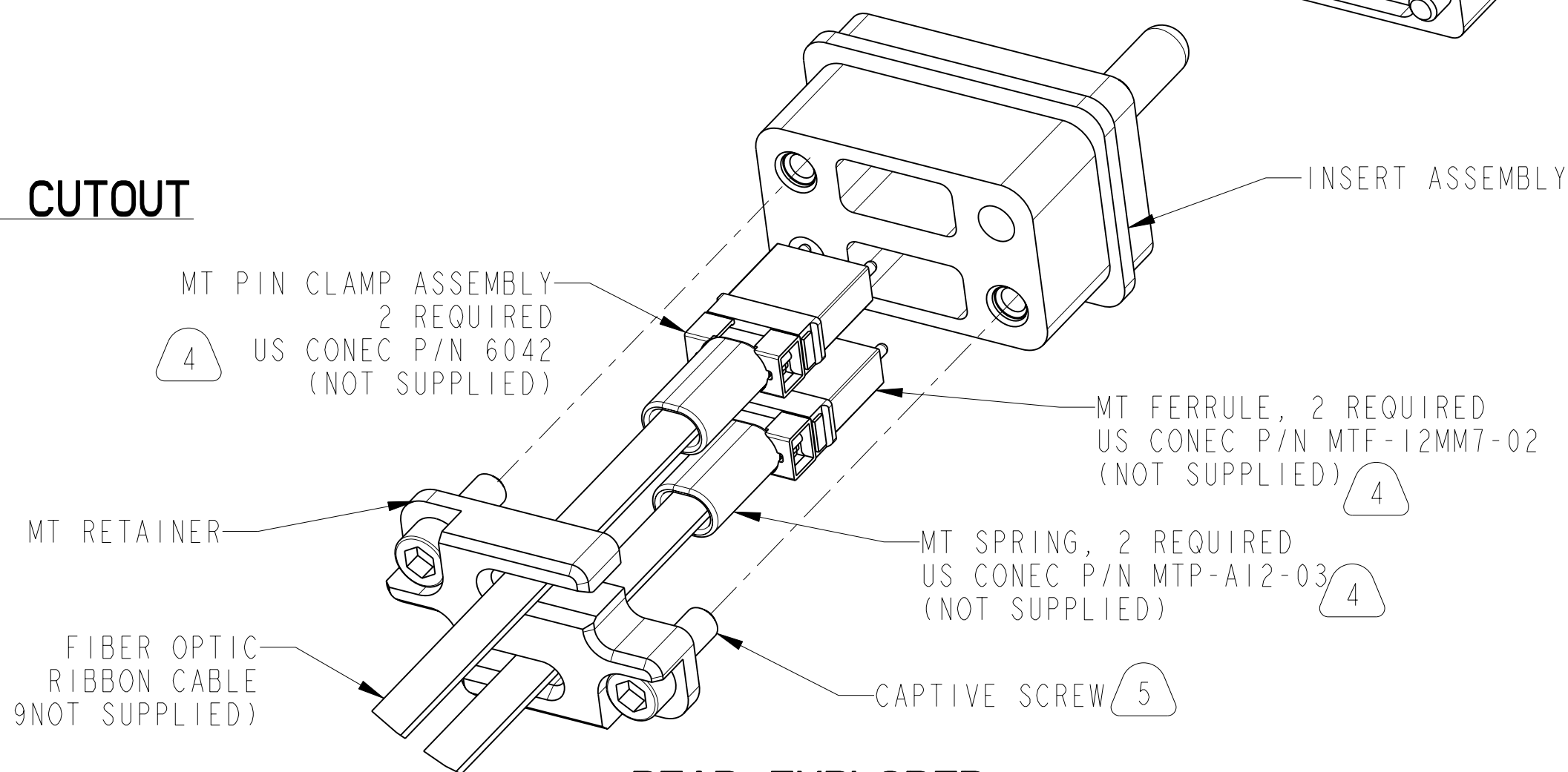
10-504639-011 SHEET 2 OF 3 REV. PA1



SUGGESTED BACKPLANE BOARD CUTOUT

(CONNECTOR SIDE SHOWN)

SCALE 6.000



REAR EXPLODED ASSEMBLY VIEW

SCALE 3.000

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SIZE C	CAGE CODE 77820	DOCUMENT NO. 10-504639-011	REV. PA1
SCALE: 2.0	REF: 10-504639-002	SHEET 3 OF 3	