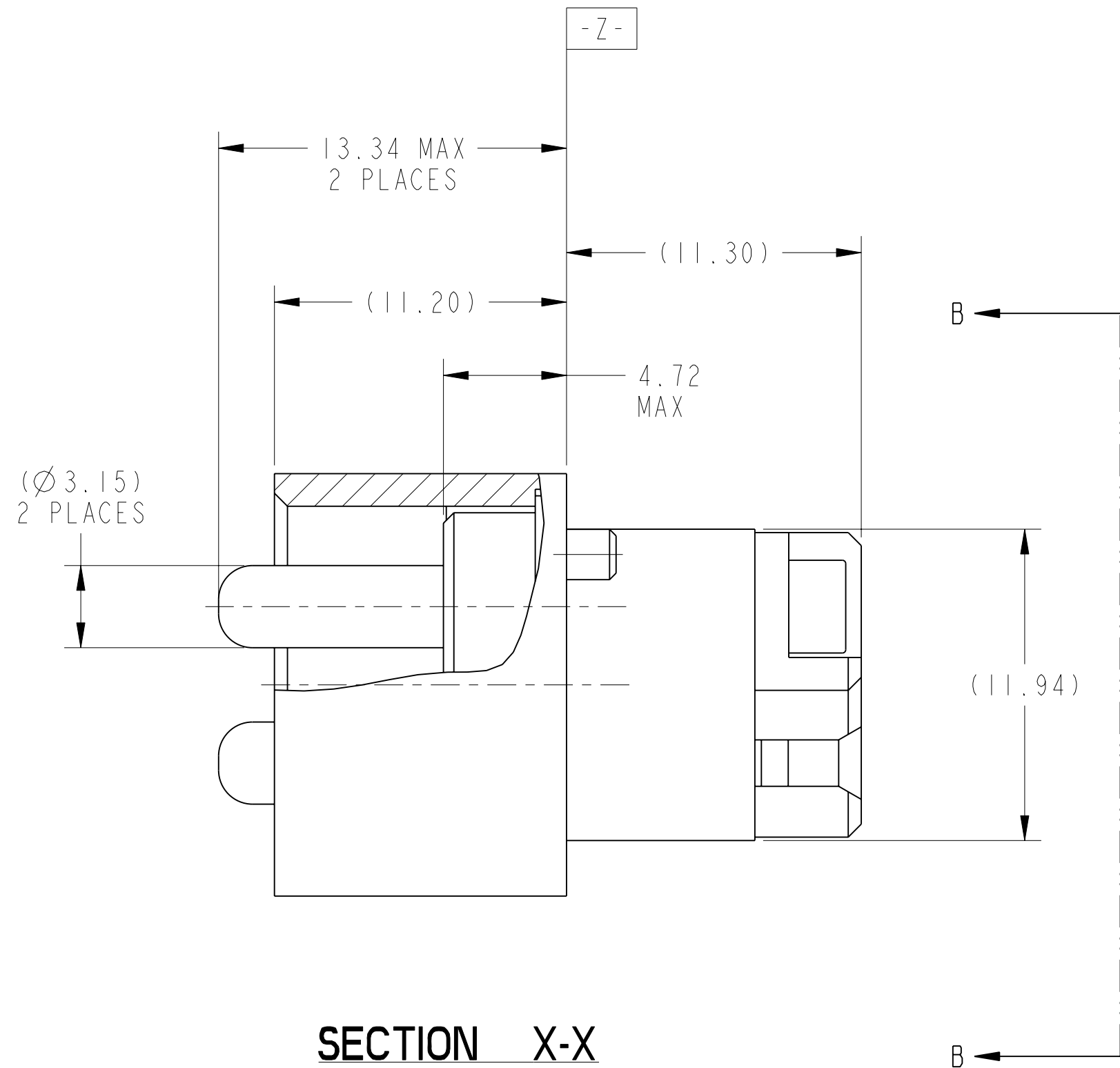
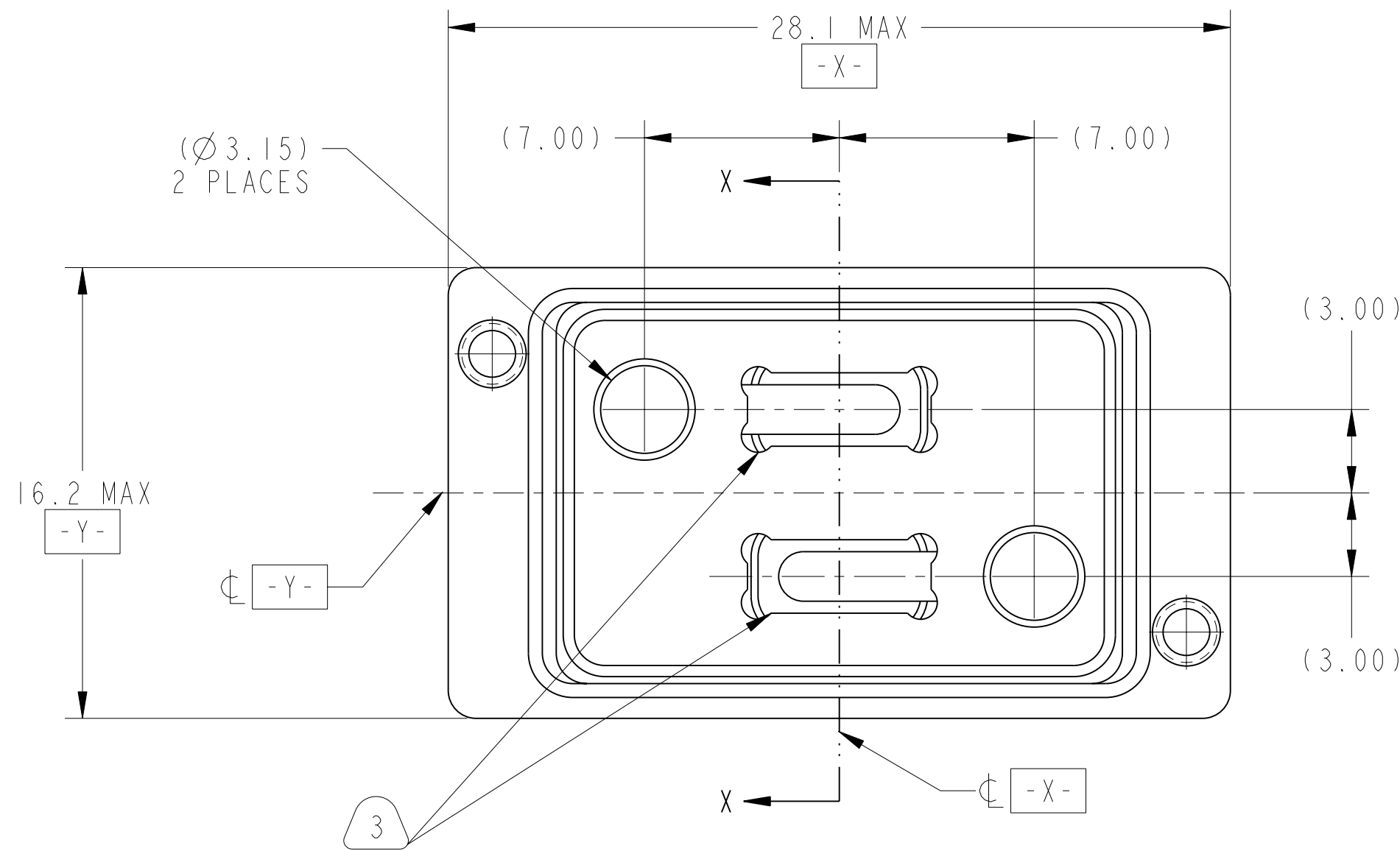
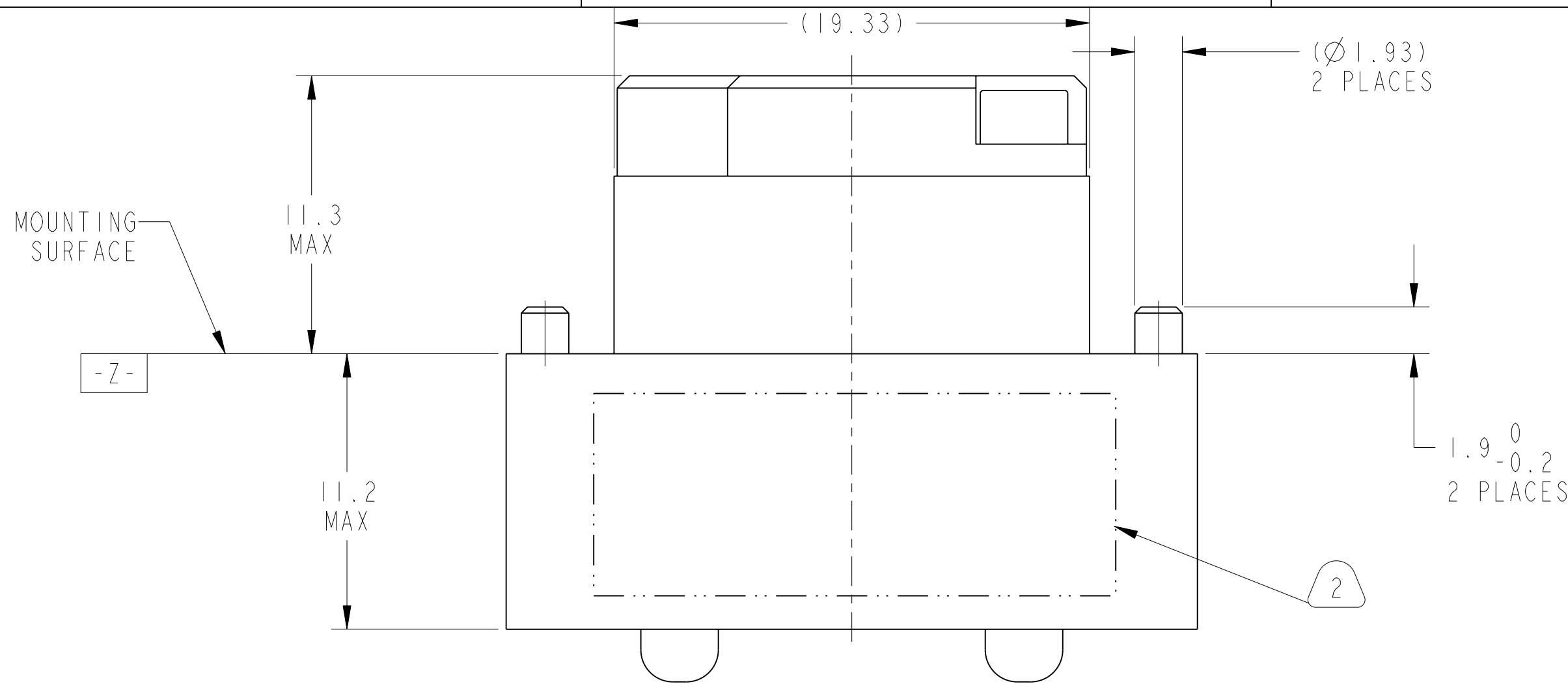


REV. PA1	SHEET 1 OF 3	DOCUMENT NO. 10-504639-011
M REVISIONS		
LTR	DESCRIPTION	DATE
PA1	INITIAL RELEASE	4/5/18



**SECTION X-X**

**METRIC DRAWING**

SEE SHEET 2

**NOTES:**

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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		05-Apr-18	<b>AMPHENOL CORPORATION</b> 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838		
LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY		THIRD ANGLE PROJECTION		ENGINEER IN CHARGE E. HICKEY			<b>CONNECTOR, FIBER OPTIC, BACKPLANE, 2 MT SPECIAL, SPRING LOADED (VITA 66.1 ENVELOPE)</b>		
				DESIGN MANAGER R. SELFRIDGE			SIZE <b>C</b>	CAGE CODE <b>77820</b>	DOCUMENT NO. <b>10-504639-011</b>
NEXT ASSEMBLY		PRO/ENGINEER INFORMATION Pro/e Model Used: 10-504639-011.DWG.ASSEM Drawing Name: 10-504639-011		DESIGN ACTIVITY GROUP BLP		SCALE: 2.0 REF: 10-504639-002		SHEET 1 OF 3	

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DOCUMENT NO. 10-504639-011

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DOCUMENT NO. 10-504639-011

SHEET 1 OF 3

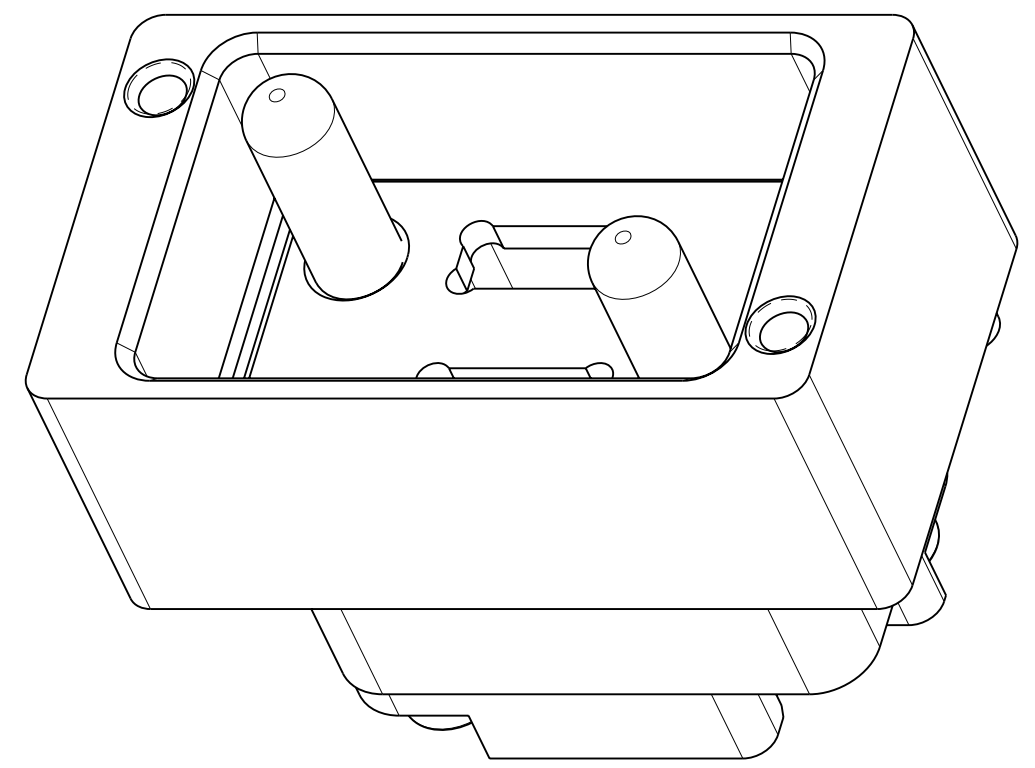
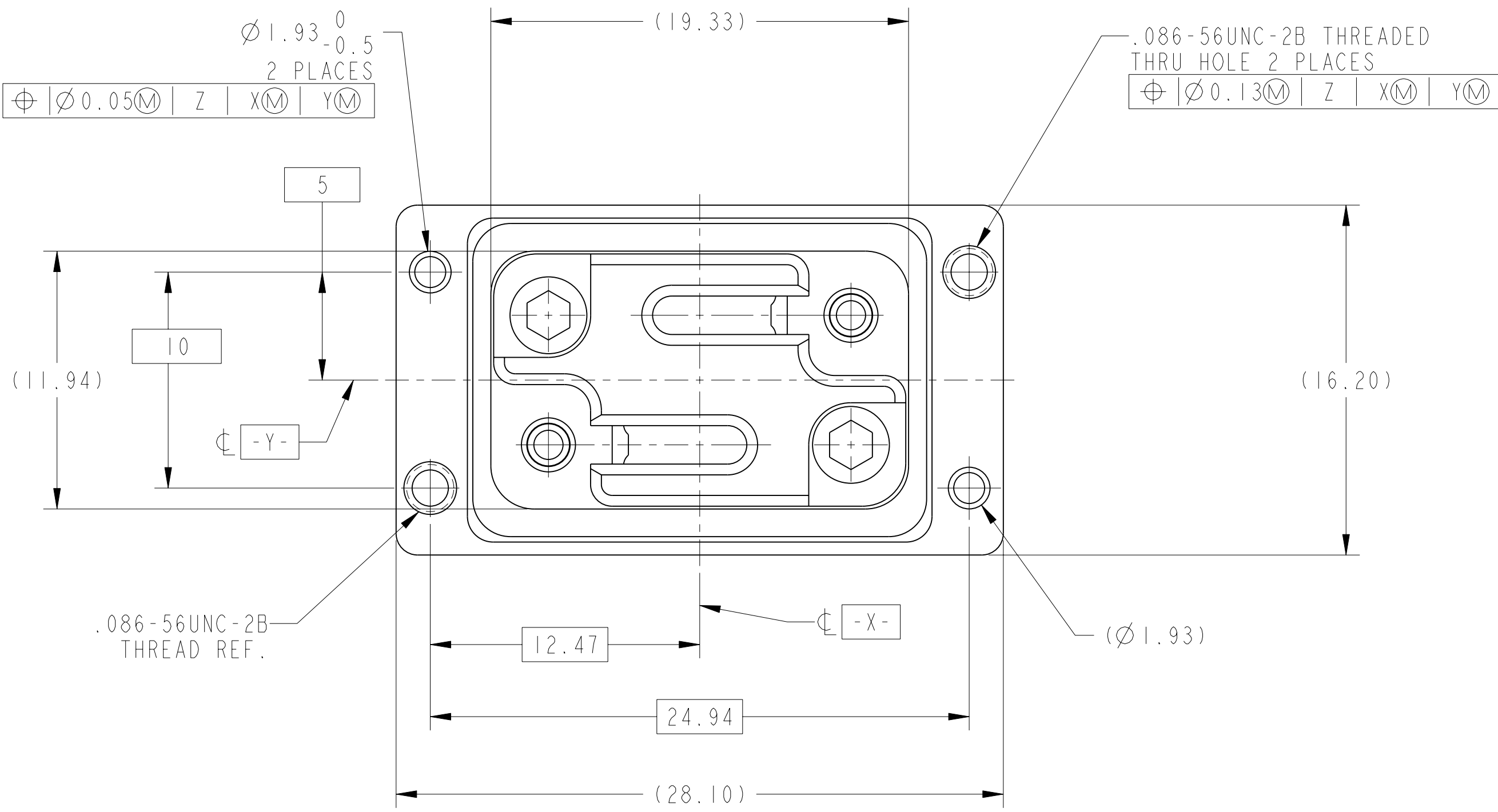
REV. PA1

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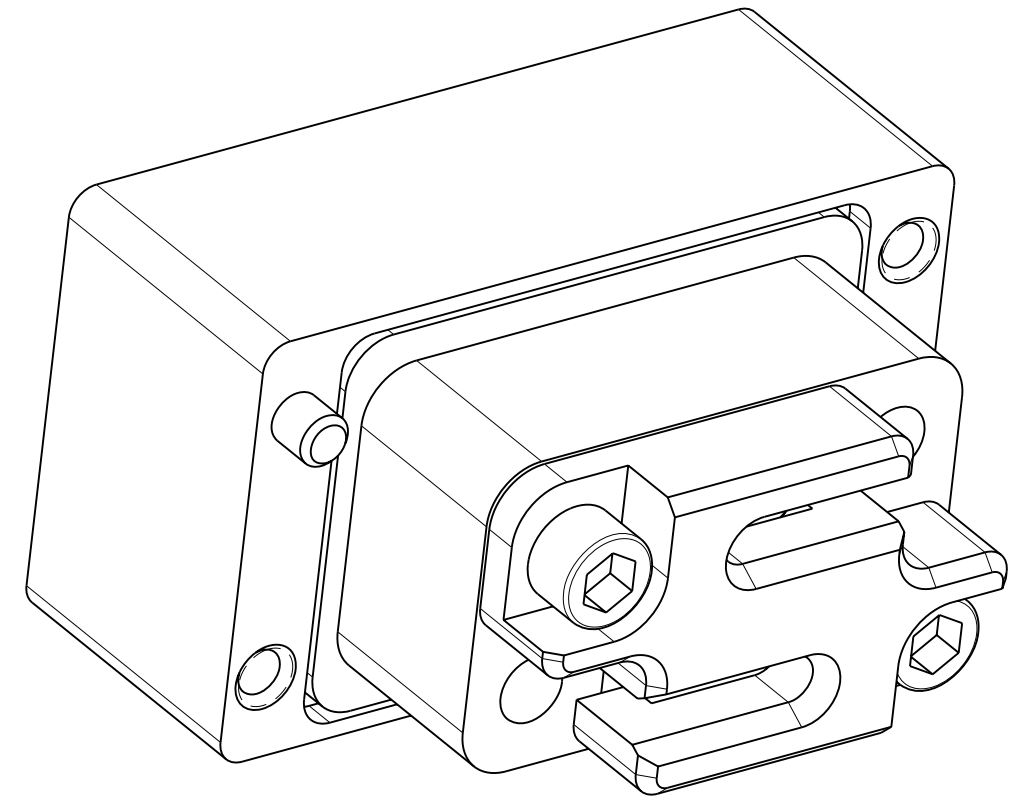
3

2

1



TOP ISO VIEW  
SCALE 4.000



BOTTOM ISO VIEW  
SCALE 4.000

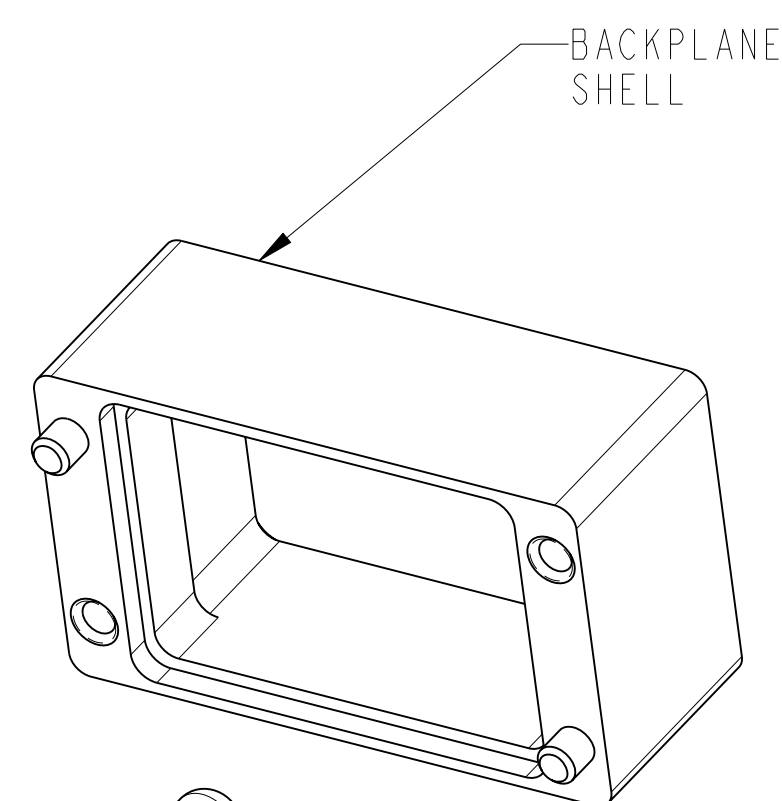
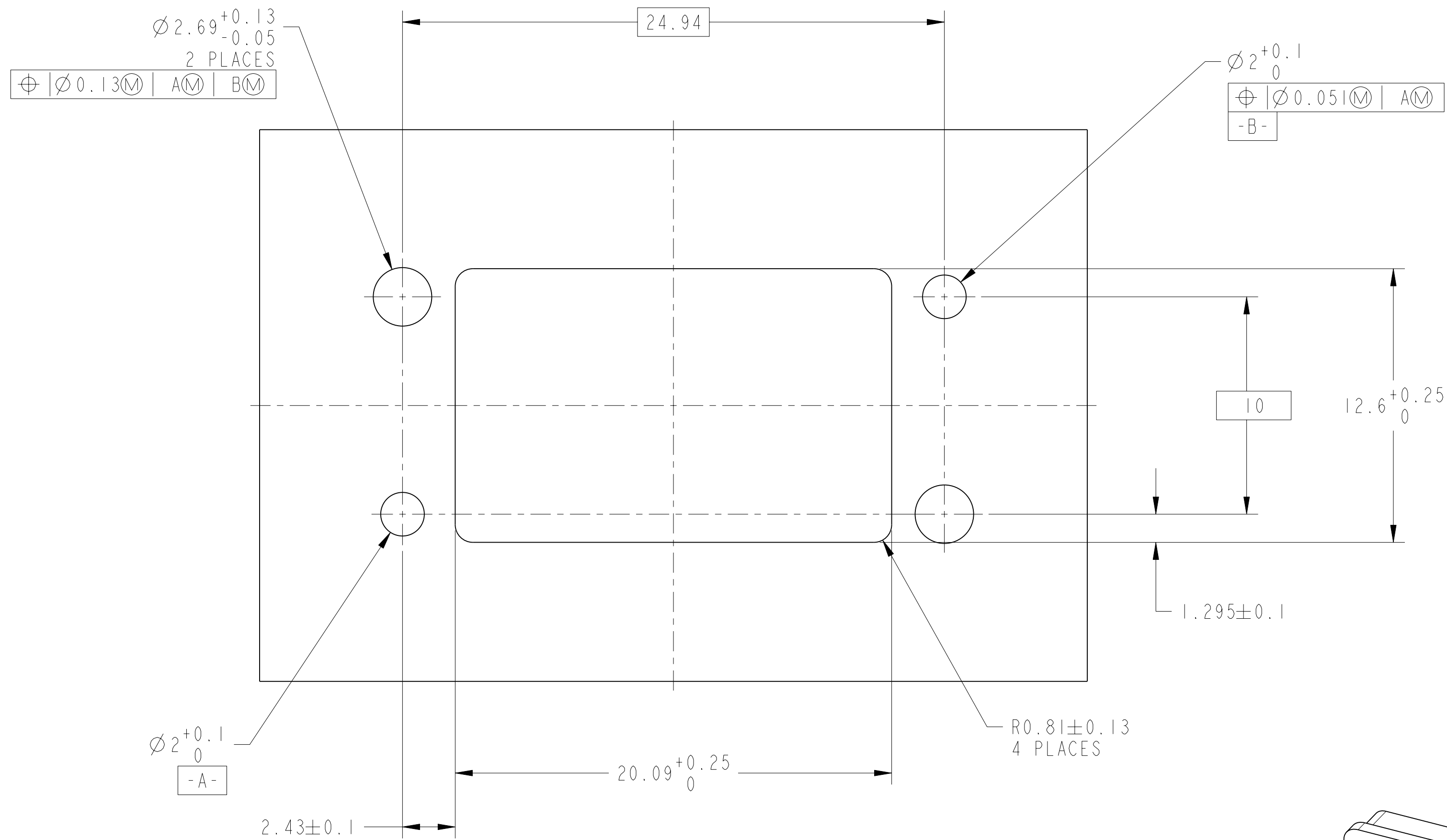
- VIEW AT B**
7. FOR CONNECTOR INSTALLATION ILLUSTRATION SEE SHEET 3.
  6. FOR MATING MODULE CONNECTOR ASSEMBLY, SEE DRAWING 10-504637-013.
  5. TIGHTEN CAPTIVE SCREWS TO 10-14 IN-OZ AFTER INSTALLING MT FERRULE (NOT INCLUDED).
  4. FIBER OPTIC INSERT IS DESIGNED FOR MT TYPE FERRULES TERMINATED TO NON-STRENGTH 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.

**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

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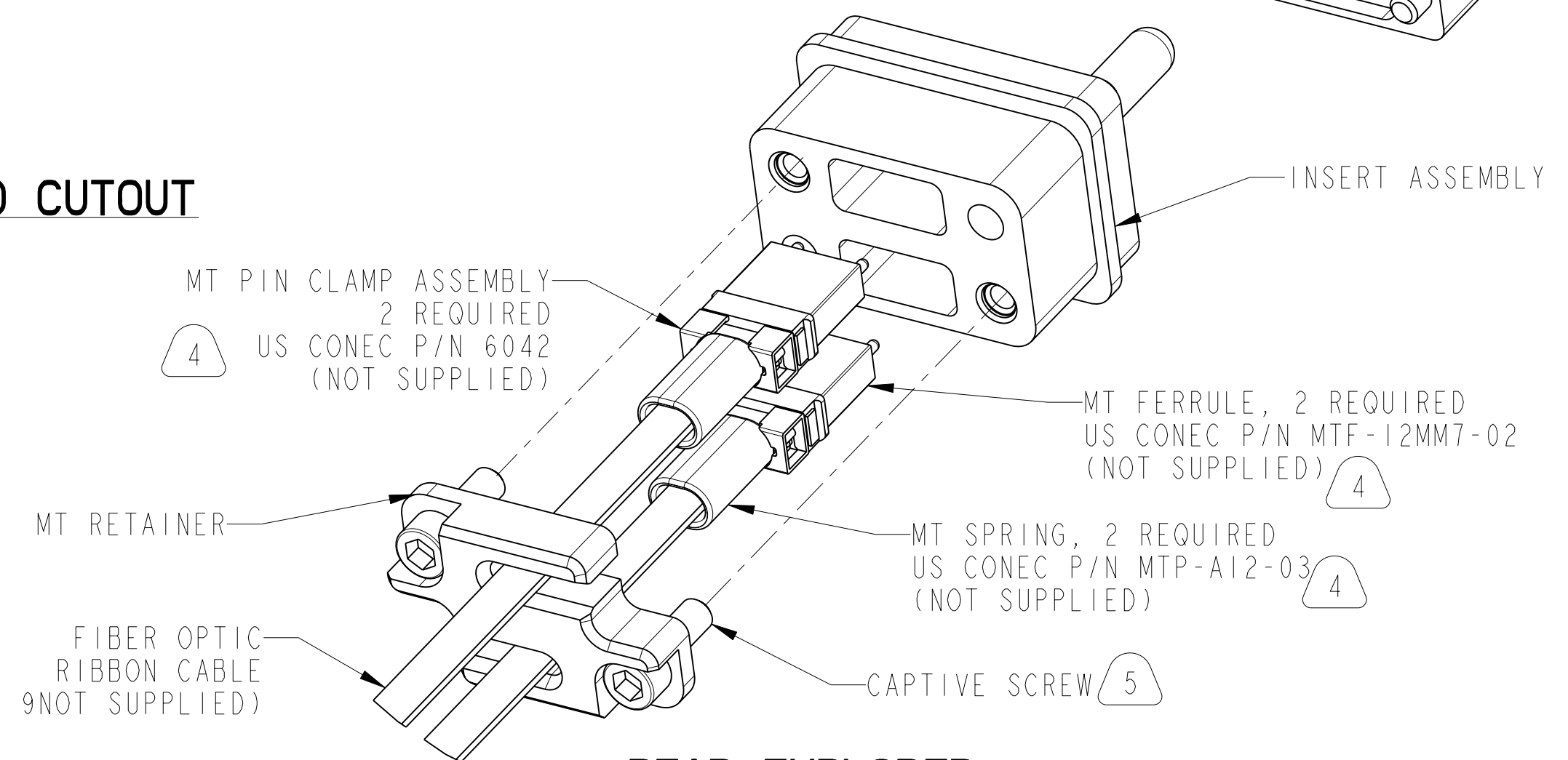
SIZE <b>C</b>	CAGE CODE <b>77820</b>	DOCUMENT NO. <b>10-504639-011</b>	REV. <b>PA1</b>
SCALE: 2.0	REF. 10-504639-002	SHEET 2 OF 3	



**SUGGESTED BACKPLANE BOARD CUTOUT**

(CONNECTOR SIDE SHOWN)

SCALE 6.000



**REAR EXPLODED ASSEMBLY VIEW**

SCALE 3.000

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SCALE: 2.0	REF. 10-504639-002	SHEET 3 OF 3	