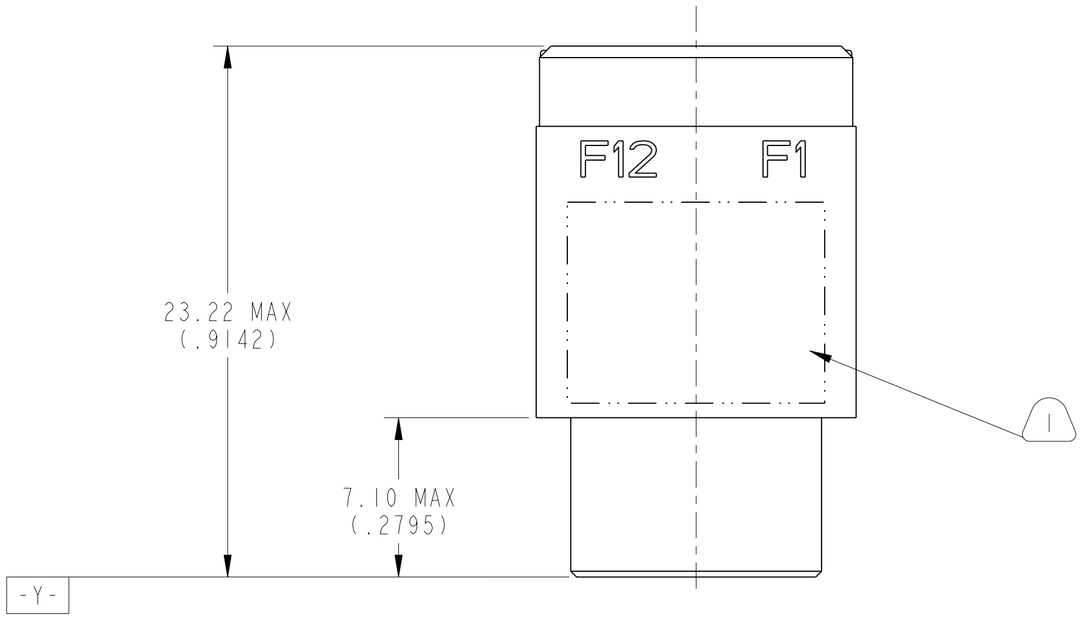
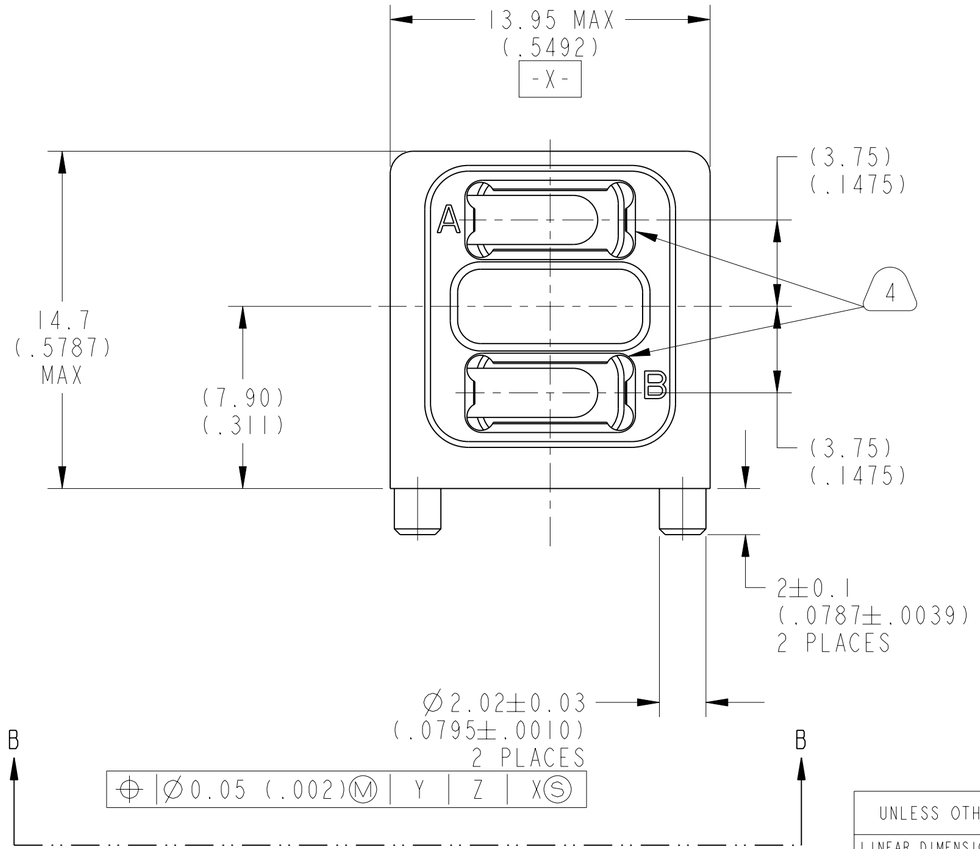
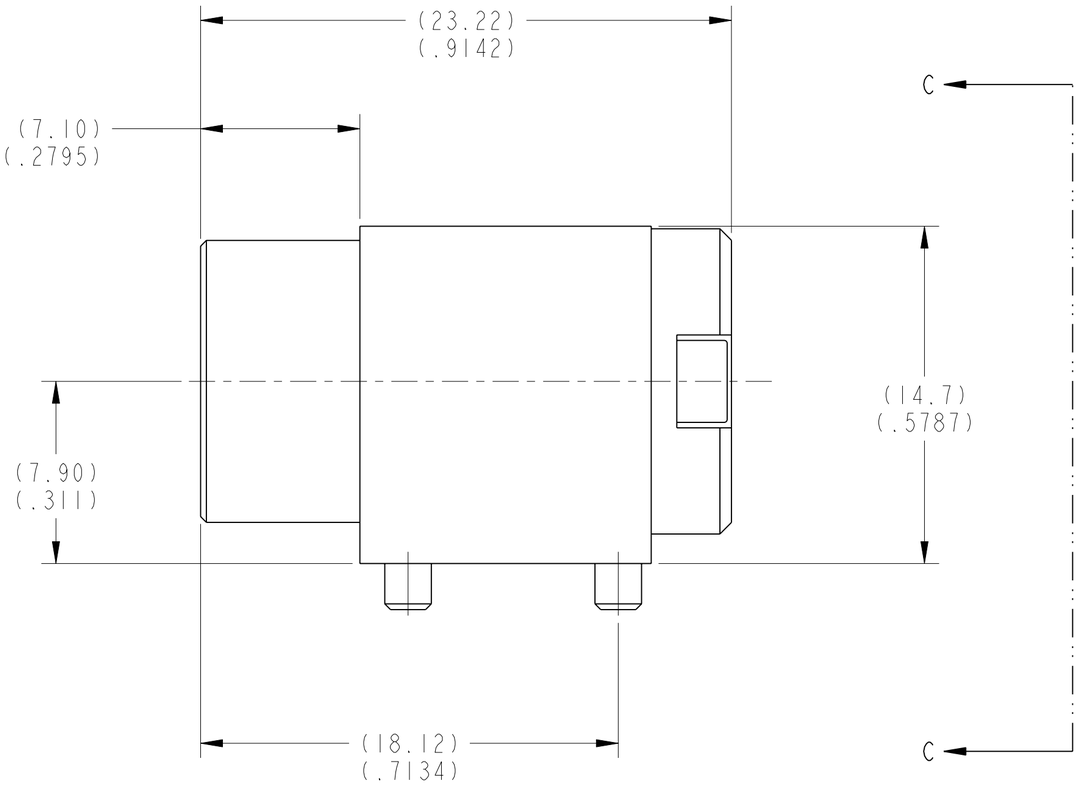
| REVISIONS | | |
|---|---|---|
| LTR | DESCRIPTION | DATE |
| A | PRODUCTION RELEASE | 6/18/18 |




SEE SHEET 2

SCALE 5.000

# METRIC DRAWING

**NOTES:**

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| UNLESS OTHERWISE SPECIFIED | SPECIFICATIONS |
|---|---|
| LINEAR DIMENSIONS ARE IN MILLIMETERS<br>TOLERANCES:<br>.XXXX = ±.NA ANGLES= ±2°<br>.XXX = ±NA<br>.XX = ±.13<br>.X = ±.25<br>---<br>DIM.& TOL. PER ASME Y14.5M;<br>DRM PER MIL-DTL-31000;<br>OTHER Amphenol Stds. PER 9-3800<br>LEGENDS:<br>=FLAG NOTE CALL OUT<br>REFERENCE ONLY | MATERIAL SPEC.<br>NONE<br>PROCESS SPEC.<br>9-3856-5<br>9-3895 |

| POS | QTY | PART NUMBER | DESCRIPTION | NOTE |
|---|---|---|---|---|
| PARTS LIST | | | | |

| APPROVALS | DATE |
|---|---|
| PREPARED BY R. CHAPMAN | |
| ENGINEER IN CHARGE E. HICKEY | 22-Jun-17 |
| DESIGN MANAGER R. SELFRIDGE | |
| DESIGN ACTIVITY GROUP BLP | |

THIRD ANGLE PROJECTION

**AMPHENOL CORPORATION**
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13838

**CONNECTOR, FIBER OPTIC, MODULE, 2 MT SPECIAL (VITA 66.4 ENVELOPE)** U

| SIZE | CAGE CODE | DOCUMENT NO. | REV. |
|---|---|---|---|
| C | 77820 | 10-504637-009 | A |

SCALE: 3.0 REF: 10-504637-008 SHEET 1 OF 3

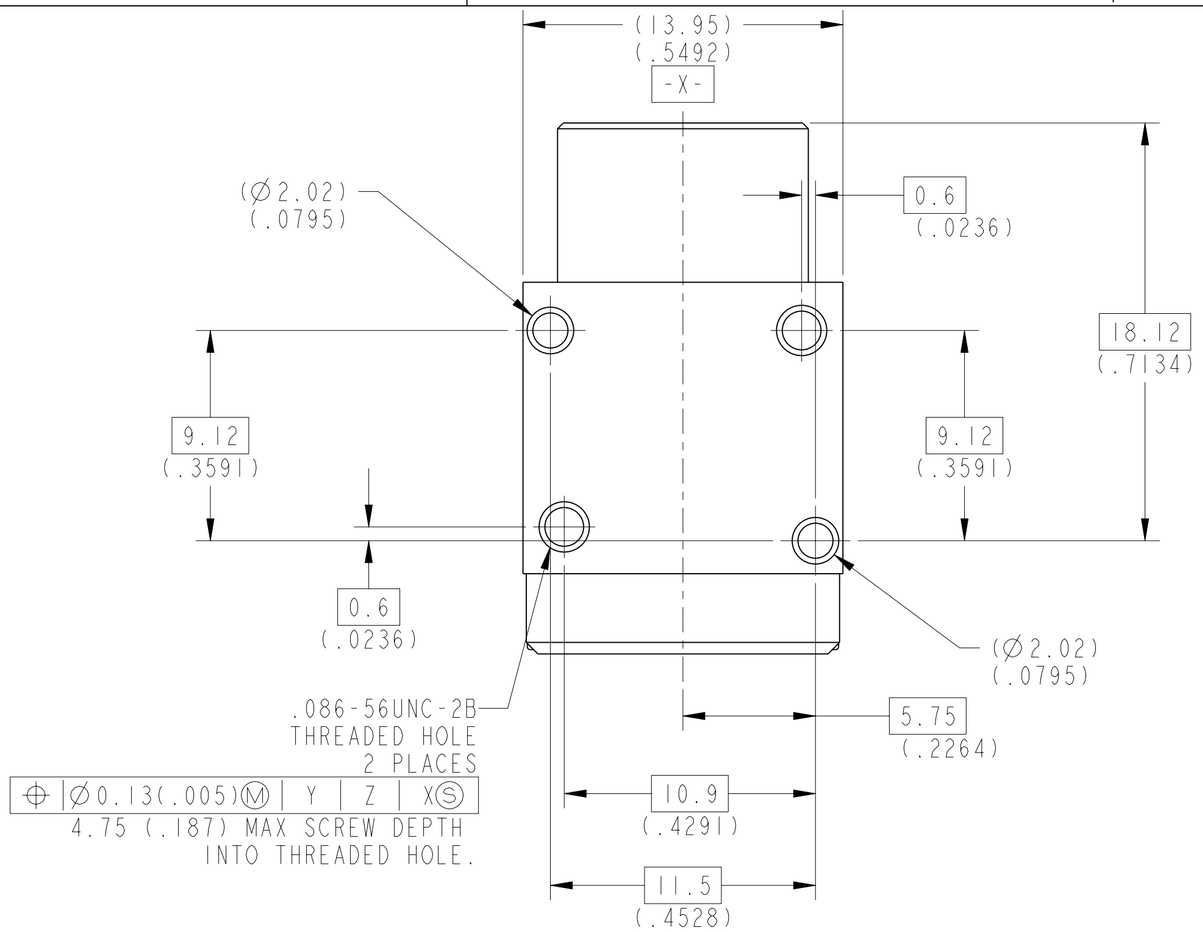
| NONE | PRO/ENGINEER INFORMATION |
|---|---|
| | Pro/e Model Used:<br>10-504637-009_DWG.ASSEM |
| NEXT ASSEMBLY | Drawing Name:<br>10-504637-009 |

| DOCUMENT NO. | SHEET 1 OF 3 | REV. |
|---|---|---|
| 10-504637-009 | | A |

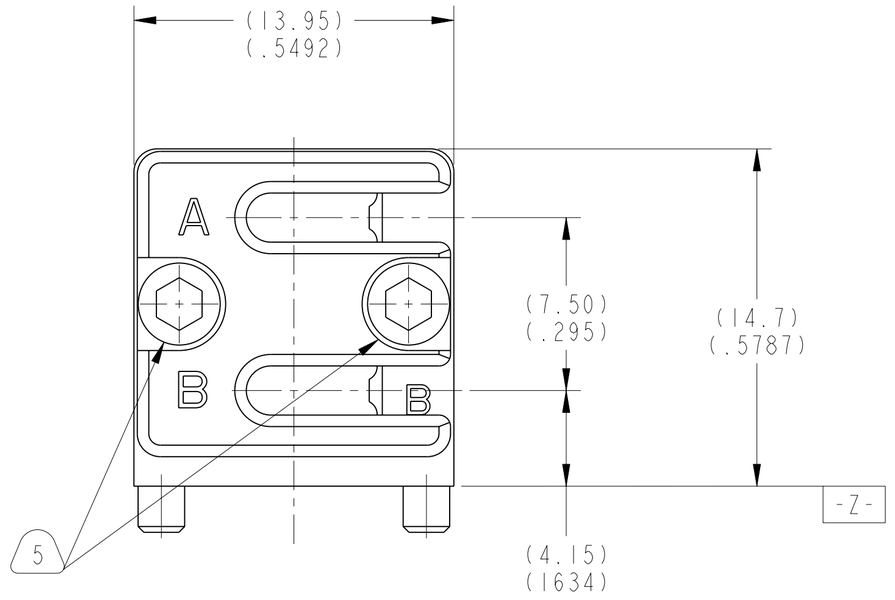
10-504637-009 | SHEET 1 OF 3 | REV. A

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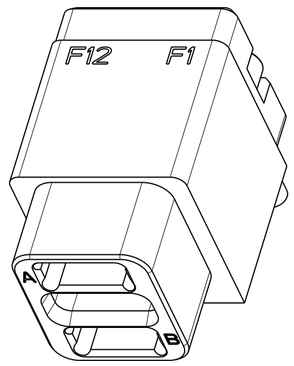
FORMAT: C-U.E.Rev.B

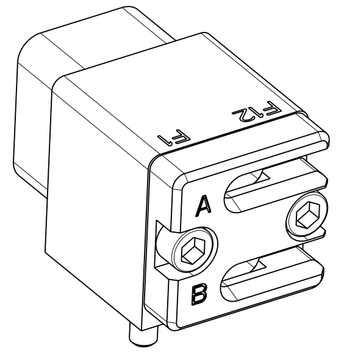



VIEW AT B




VIEW AT C




5. RETAINER SCREWS TO BE TIGHTENED TO A TORQUE OF 2 -3 IN-LBS. RETAINER SHOULD BE BOTTOMED ON CONNECTOR BODY.

4. INSERT CAVITIES ARE FOR A FIBER OPTIC MT FERRULE PER IEC 61754-5 MT FERRULES, PIN CLAMP ASSEMBLIES, SPRINGS, AND ASSOCIATED RIBBON CABLE ARE NOT PART OF THIS ASSEMBLY.

3. FOR CONNECTOR INSTALLATION ILLUSTRATION SEE SHEET 3.

2. FOR MATING BACKPLANE CONNECTOR ASSEMBLY, SEE DRAWING 10-504639-007.

1. 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±.005 INCH). HIGH. ADDITIONAL INFORMATION MAY BE REQUESTED BY PURCHASE ORDER. STAMP ING CAN BE ON BOTH SIDES OF PART.

## MATERIALS AND FINISHES

| COMPONENT | MATERIAL/ FINISH |
|---|---|
| MAIN BODY | BODY - MATERIAL - ALUM. ALLOY PER AMS 4150<br>FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3<br>HELICAL INSERTS - STAINLESS STEEL 304 SERIES PASSIVATED |
| MT RETAINER | BODY - MATERIAL - ALUM. ALLOY PER AMS 4150<br>FINISH - CHROMATE TREATMENT PER MIL-C-5541, CL 3<br>SCREW - STAINLESS STEEL 300 SERIES PASSIVATED |

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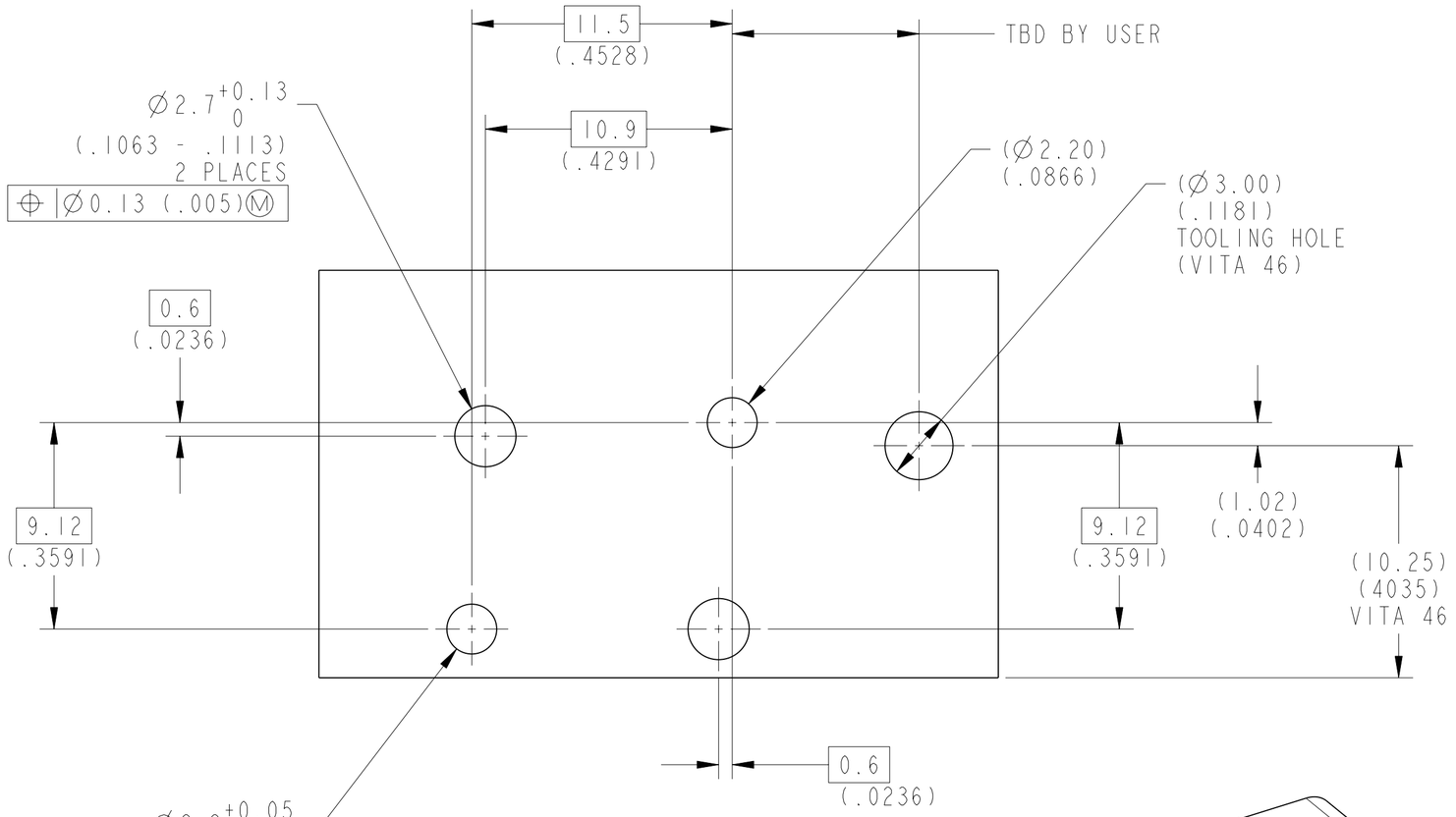
| SIZE | CAGE CODE | DOCUMENT NO. | REV. |
|---|---|---|---|
| C | 77820 | 10-504637-009 | A |
| SCALE: 3.0 | REF: 10-504637-008 | SHEET 2 OF 3 | |



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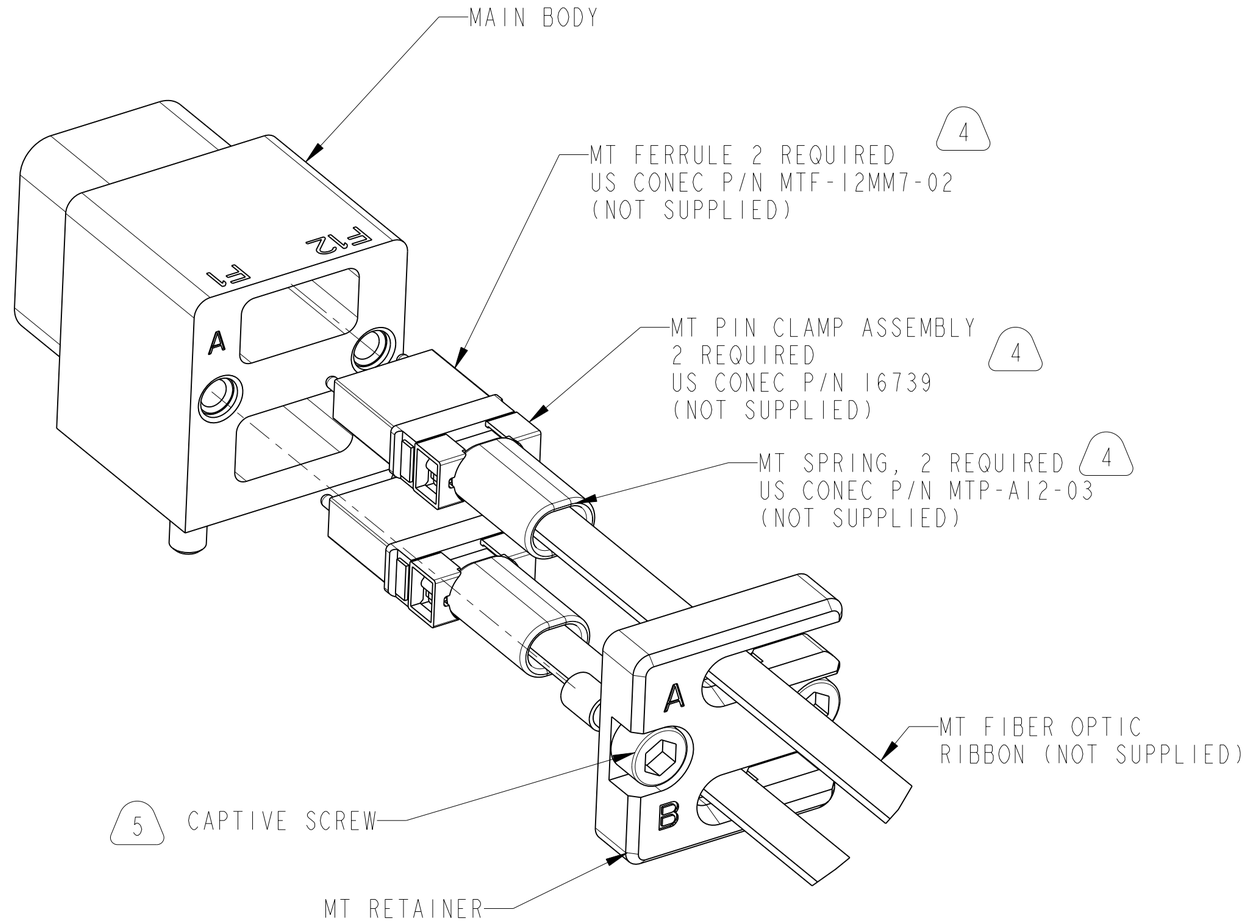
10-504637-009 DOCUMENT NO. | SHEET 2 OF 3 | A REV.
REV. A | SHEET 2 OF 3 | 10-504637-009 DOCUMENT NO.

FORMAT: C-U.E-Rev.B




## SUGGESTED MODULE PCB INTERFACE DIMENSIONS

SCALE 5.000




## REAR EXPLODED ASSEMBLY VIEW

SCALE 4.000

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|---|---|---|---|
| C | 77820 | 10-504637-009 | A |
| SCALE: 3.0 | REF: 10-504637-008 | SHEET 3 OF 3 | |



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10-504637-009 | SHEET 3 OF 3 | A
10-504637-009 | SHEET 3 OF 3 | A

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