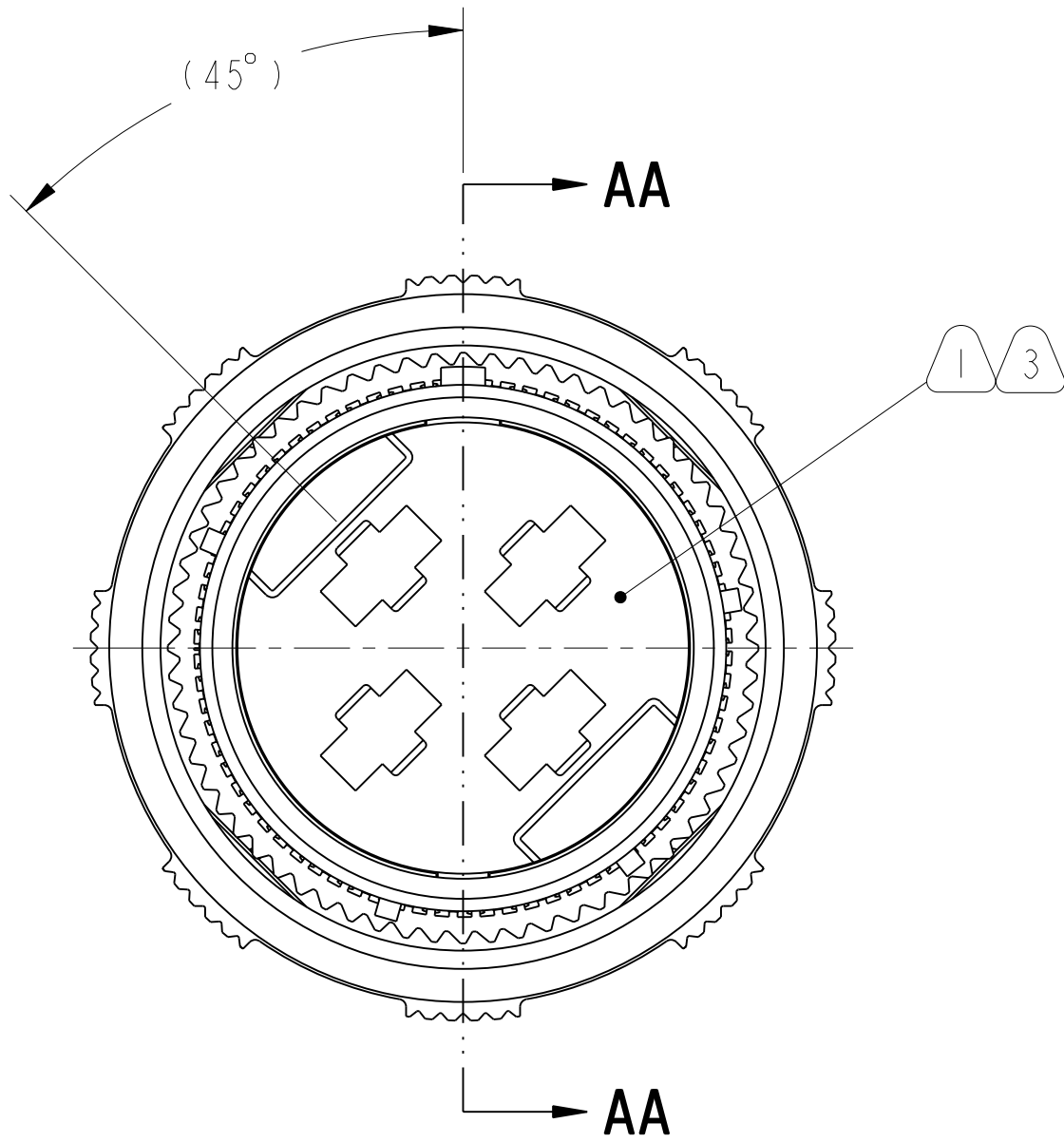
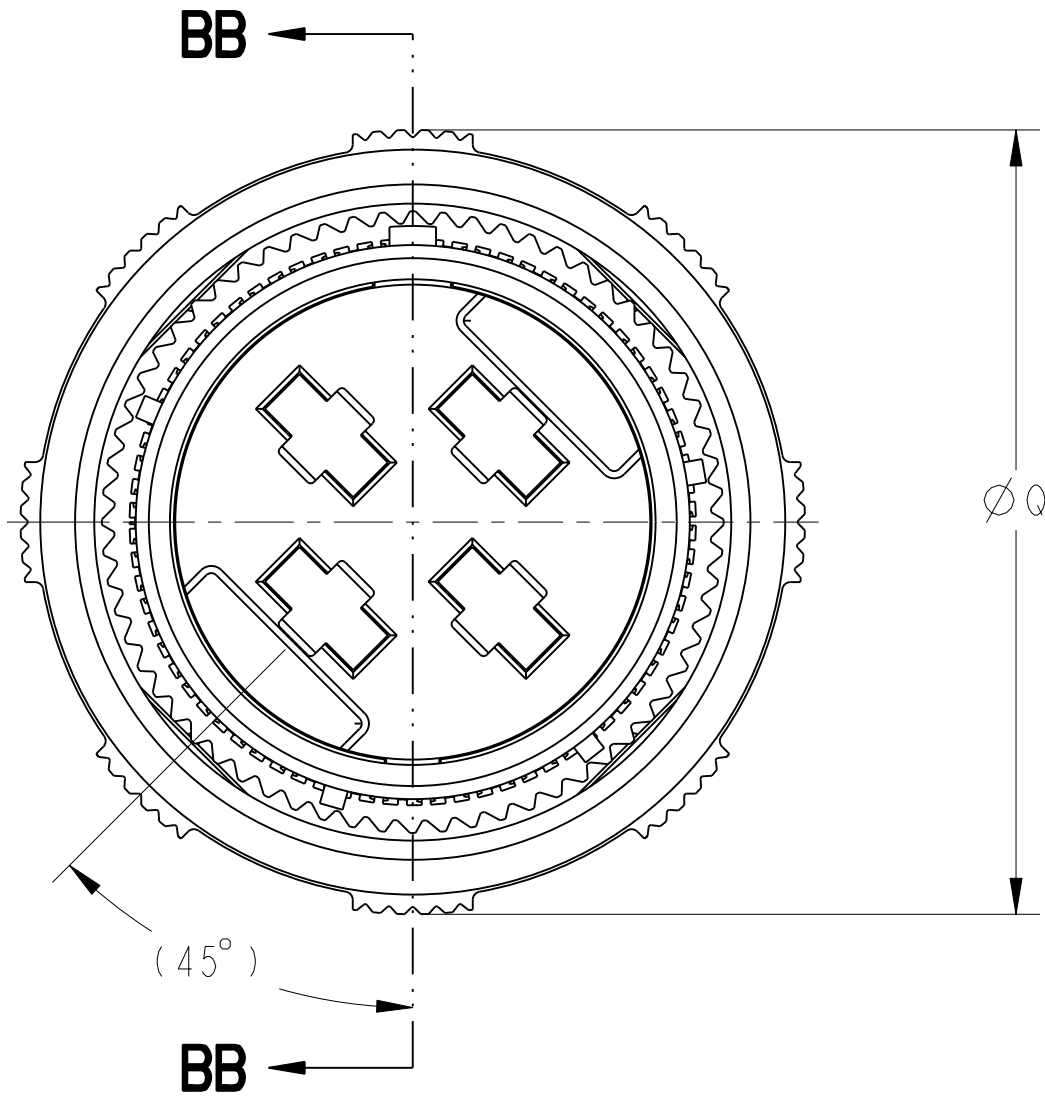


|             |                              |              |
|-------------|------------------------------|--------------|
| REV. A      | DOCUMENT NO. XXX-XX9Z6XX-XXX | SHEET 1 OF 3 |
| REVISIONS M |                              |              |
| LTR         | DESCRIPTION                  | DATE         |
| A           | INITIAL RELEASE              | ---          |



FRONT VIEW  
(CF-59Z621-04P SHOWN FOR REF ONLY)  
SCALE 2.500



FRONT VIEW  
(CF-59Z621-04S SHOWN FOR REF ONLY)  
SCALE 2.500

SEE SHEET 3

NOTES:

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DOCUMENT NO. CF-59Z6XX-XXX


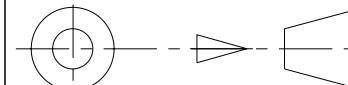
SHEET 1 OF 3

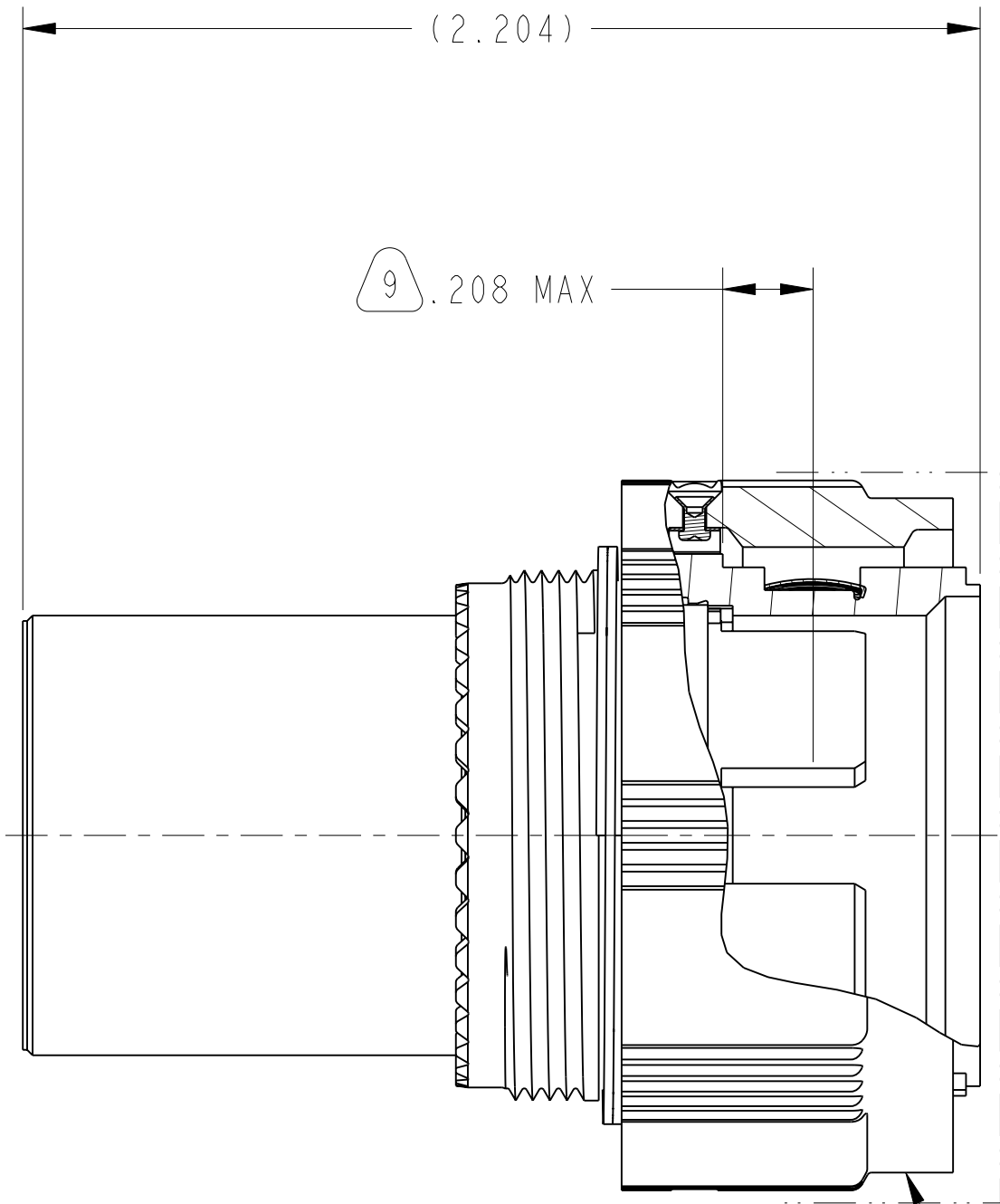
REV. A

N/A

NEXT ASSEMBLY

| PRO/ENGINEER INFORMATION |
|--------------------------|
| Pro/e Model Used:        |
| CF-69W621-M4S.ASSEM      |
| Drawing Name:            |
| CF-59Z6XX-XXX            |

|   |  |                |  |                        |     |             |             |  |               |              |
|---|--|----------------|--|------------------------|-----|-------------|-------------|--|---------------|--------------|
| UNLESS OTHERWISE SPECIFIED  |  | SPECIFICATIONS |  | POS                    | QTY | PART NUMBER | DESCRIPTION | NOTE   |               |              |
| LINEAR DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>.XXXX = ±.0005    ANGLES= ±2°<br>.XXX = ±.010<br>.XX = ±.03<br>.X = ±.1<br><br>-----<br>DIM. & TOL. PER ASME Y14.5M;<br>DRM PER MIL-DTL-31000;<br>OTHER Amphenol Stds. PER 9-3800<br><br>LEGENDS:<br>-FLAG NOTE CALL OUT<br>REFERENCE ONLY<br><br> |  | MATERIAL SPEC. |  | PARTS LIST             |     |             |             |  |               |              |
|   |  | N/A            |  | APPROVALS              |     | DATE        |             | AMPHENOL CORPORATION<br>40-60 DELAWARE AVENUE<br>SIDNEY, N.Y. 13838<br><br>CONNECTOR, FIBER OPTIC PLUG,<br>TYPE TVS06RK-(),<br>BLACK ZINC NICKEL |               |              |
|   |  | PROCESS SPEC.  |  | PREPARED BY            |     | 18-Mar-16   |             |  |               |              |
|   |  |                |  | ENGINEER IN CHARGE     |     |             |             |  |               |              |
|   |  |                |  | DESIGN MANAGER         |     |             |             |  |               |              |
| DESIGN ACTIVITY GROUP   |  |                |  |                        |     |             |             |  |               |              |
| SEE<br>NOTE 5   |  | C1             |  | THIRD ANGLE PROJECTION |     | SIZE        |             | CAGE CODE  | DOCUMENT NO.  | REV.         |
|    |  |                |  |                        |     | C           |             | 77820  | CF-59Z6XX-XXX | A            |
|   |  |                |  |                        |     | SCALE: 1.0  |             | REF.<br>CF-5946XX-XXX  |               | SHEET 1 OF 3 |



STAMP "AMPHENOL", PART NUMBER  
DATE CODE & LOT NO. (9-3895)  
PER 9-5788  
EXAMPLE:  
AMPHENOL CF-59Z611-01P 1613 161234567

PARTIAL SECTION AA-AA  
(PIN CONNECTOR SHOWN)  
SCALE 2.500

SEE SHEET 3

NOTES:

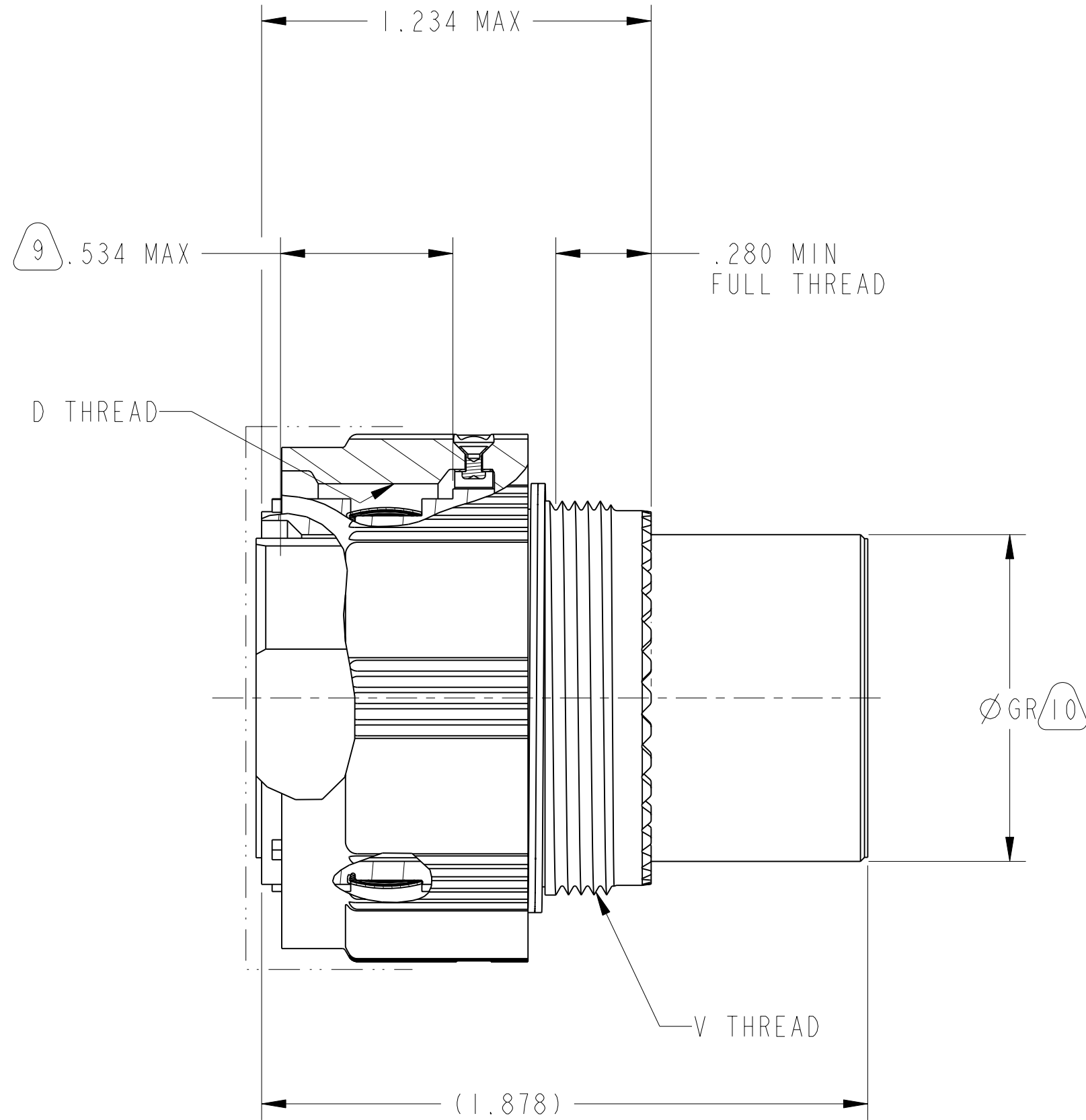
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CF-59Z6XX-XXX

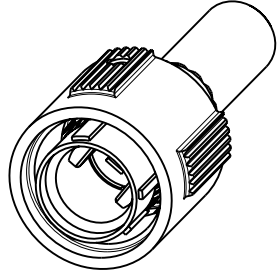
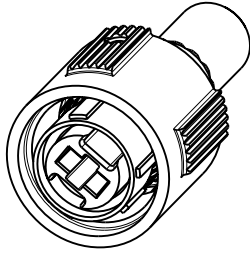
SHEET 2 OF 3

REV. A



PARTIAL SECTION BB-BB  
(SOCKET CONNECTOR SHOWN)  
SCALE 2.500

| SIZE       | CAGE CODE | DOCUMENT NO.       | REV.         |
|------------|-----------|--------------------|--------------|
| C          | 77820     | CF-59Z6XX-XXX      | A            |
| SCALE: 2.5 |           | REF: CF-5946XX-XXX | SHEET 2 OF 3 |

|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|-------------------------------|---|---------------------|--------------------|--------------|-------------------|-------------------------------|--|--------------------|--|-------------------------------|--|-----------|--|
| 4                             |   | 3                   |                    | 2            |                   | CF-59Z6XX-XXX<br>DOCUMENT NO. |  | SHEET 3 OF 3       |  | REV. A                        |  |           |  |
| CF-59Z6XX-XXX<br>DOCUMENT NO. | PART NUMBER TABLE   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | PART NUMBER   | D THREAD MODIFIED   |                    | Ø Q MAX      | V THREAD          | Ø GR MAX                      |  |                    |  |                               |  |           |  |
|                               |   | SIZE CLASS 2B       | MODIFIED MINOR DIA |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | CF-59Z609-( )   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | CF-59Z611-( )   | .7500-0.1P-0.3L-TS  | .7142-.7092        | .969         | M15 X 1-6g 0.100R | .423                          |  |                    |  |                               |  |           |  |
|                               | CF-59Z613-( )   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | CF-59Z615-( )   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | CF-59Z617-( )   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | CF-59Z619-( )   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               | CF-59Z621-( )   | 1.3750-0.1P-0.3L-TS | 1.3270-1.3220      | 1.625        | M31 X 1-6g 0.100R | 1.018                         |  |                    |  |                               |  |           |  |
| CF-59Z623-( )                 |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
| CF-59Z625-( )                 |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
| C                             | <p>TO COMPLETE PART NUMBER,<br/>ADD INSERT ARRANGEMENT SUFFIX<br/>PER 9-2437-25</p>   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
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|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
| B                             | <p>7. CONTACTS USE FRONT RELEASE/REAR REMOVAL CONTACT RETENTION SYSTEM.</p> <p>6. FOR MATING CONNECTOR, SEE CF-59Z7XX-XXX AND OTHERS.</p> <p>5. PROCESS SPEC:<br/>9-2437-25, 9-5788, 9-3895</p> <p>4. DRAWING ILLUSTRATES FINAL ASSEMBLY. FOR FINAL INSTALLATION, CONTACTS MUST BE ASSEMBLED INTO ALL INSERT HOLES. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH APPROPRIATE SIZE SEALING PLUG. CONNECTORS ARE SHIPPED LESS CONTACTS. CONTACTS AND SEALING PLUGS MUST BE PURCHASED SEPERATELY. FOR CONTACTS, SEE DOCUMENTS CF-198136-XXX &amp; CF-198137-XXX.</p> <p>3. INSERT ASSEMBLY IS NOT REMOVABLE.</p> <p>2. ALTERNATE ROTATIONS ARE OBTAINED BY ROTATING INDICATED KEYS. SIX POSITIONS ARE AVAILABLE. SEE 9-2437-25.</p> <p>1. FOR CONTACT ARRANGEMENT PATTERN, SEE L-38709 THRU L-38725. ONLY ARRANGEMENTS WITH MT CAVITIES APPLY.</p> |                     |                    |              |                   |                               | <p>ISOMETRIC VIEW<br/>(CF-59Z611-01P SHOWN)<br/>SCALE 1.000</p>  <p>ISOMETRIC VIEW<br/>(CF-59Z611-01S SHOWN)<br/>SCALE 1.000</p>   |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
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|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
| A                             | <p>NOTES:</p> <p>THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.</p> <p>RELEASED / Mar . 24 2016, 11:46:34 AM</p>  |                     |                    |              |                   |                               | <p>11. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.</p> <p>10. CUSTOMER IS ADVISED TO USE A BACKSHELL TO PROTECT REAR GROMMET FROM DAMAGE. BACKSHELL ID MUST BE GREATER THAN ØGR AND LENGTH MUST BE ADEQUATE TO COMPLETELY COVER THE GROMMET. CONSULT AMPHENOL AEROSPACE FOR RECOMMENDED BACKSHELL</p> <p>9. TO FRONT OF FIBER OPTIC TERMINUS FACE.</p> <p>8. UNIT ILLUSTRATED MEETS THE APPLICABLE REQUIREMENTS OF MIL-DTL-38999.</p> |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
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|                               |   |                     |                    |              |                   |                               |  |                    |  |                               |  |           |  |
| DOCUMENT NO.<br>CF-59Z6XX-XXX |   | SHEET 3 OF 3        |                    | REV.<br>A    |                   | SIZE<br>C                     |  | CAGE CODE<br>77820 |  | DOCUMENT NO.<br>CF-59Z6XX-XXX |  | REV.<br>A |  |
| SCALE: 1.0                    |   | REF: CF-5946XX-XXX  |                    | SHEET 3 OF 3 |                   |                               |  |                    |  |                               |  |           |  |