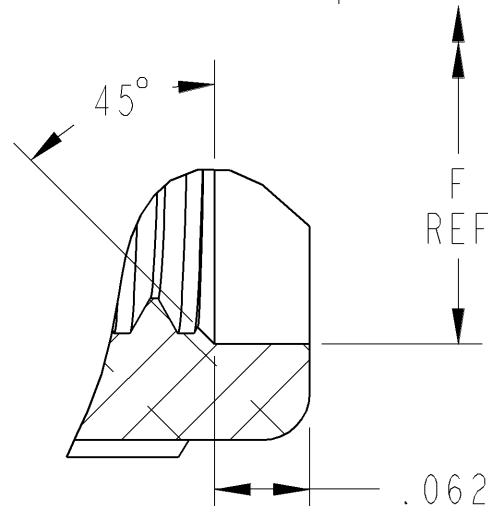
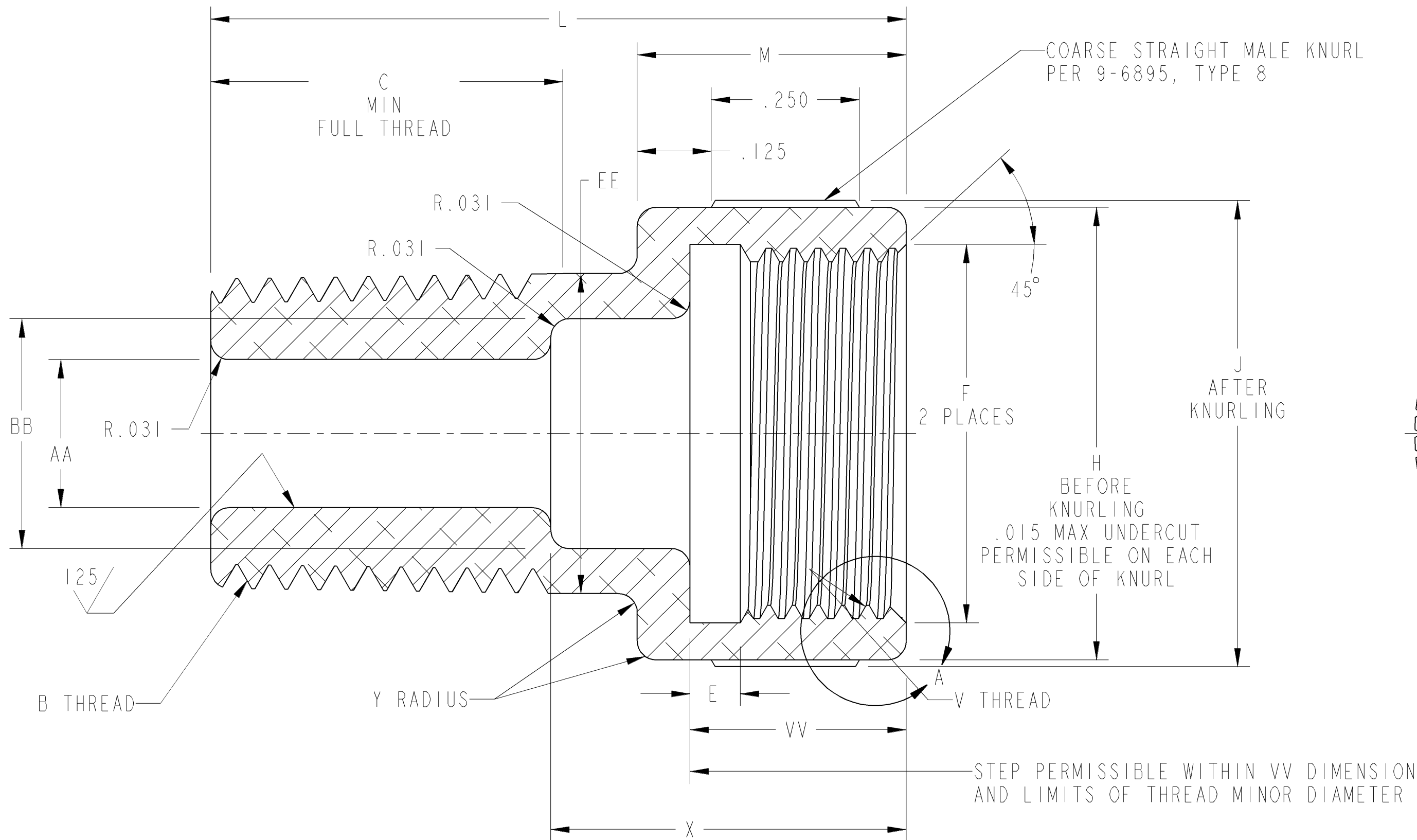


A technical drawing of a circular object, possibly a lens or a disk, shown in a top-down view. The drawing features several concentric circles. The outermost circle has a serrated or notched edge. Inside this, there are three more concentric circles. A dashed crosshair, consisting of a horizontal and a vertical line, is centered on the drawing, passing through the centers of all the concentric circles. The drawing is a black and white line drawing with no shading or texture.

DETAIL A  
ALTERNATE METHOD

|                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                       |
| LINEAR DIMENSIONS ARE<br>IN INCHES<br>TOLERANCES:<br>. XXXX = ± .0005<br>. XXX = ± .010<br>. XX = ± .03<br>. X = ± .1<br>ANGLES = ± 2°<br>OTHER STANDARDS PER 9-3800<br>AND DOD-D-1000<br>THIRD ANGLE PROJECTION |

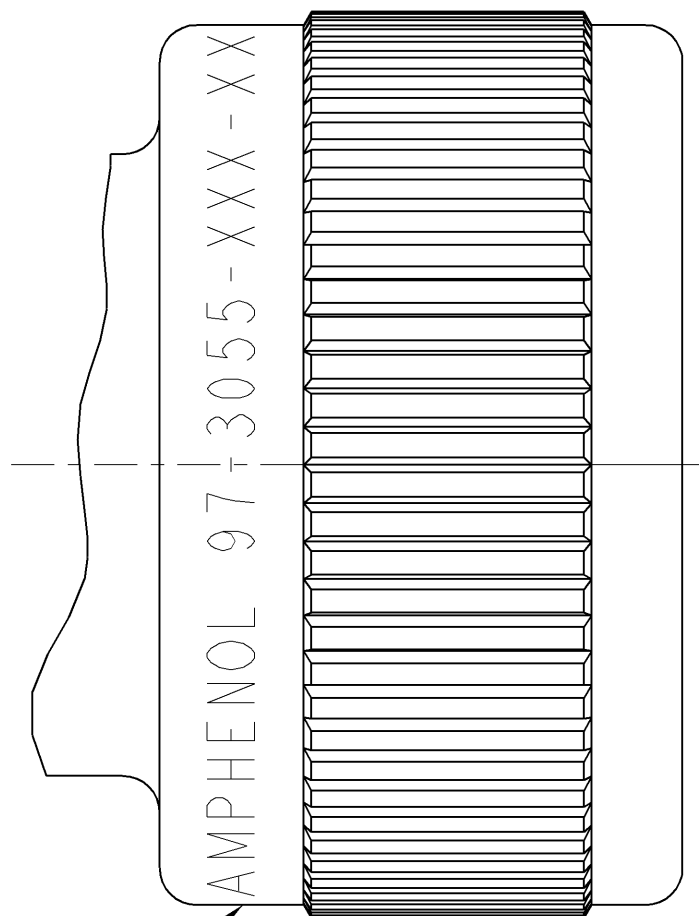
**SPECIFICATIONS**

|                                                   |  |
|---------------------------------------------------|--|
| <b>MATERIAL SPEC.</b><br>ALUMINUM PER<br>AMS 4150 |  |
| <b>PROCESS SPEC.</b><br>SEE NOTE 2                |  |

| POS                                                                | QTY            | PART NUMBER | DESCRIPTION                                                         | NOTE                          |              |
|--------------------------------------------------------------------|----------------|-------------|---------------------------------------------------------------------|-------------------------------|--------------|
| PARTS LIST                                                         |                |             |                                                                     |                               |              |
| APPROVALS                                                          |                | DATE        | AMPHENOL CORPORATION<br>SIDNEY, N. Y. 13838                         |                               |              |
| PREPARED                                                           | DEMATEO        | 22-Oct-99   | ADAPTER, RIGID CONDUIT, ELECTRICAL L<br>CONNECTOR, TYPE 97-3055-121 |                               |              |
| CHECKED                                                            | G.OLEKSIK      | 10/26/99    |                                                                     |                               |              |
| MATERIAL<br>KIT                                                    | RICHEY/FOGARTY | 10/26/99    |                                                                     |                               |              |
| APPROVED                                                           | OLEKSIK        | 10/27/99    |                                                                     |                               |              |
| APPROVED                                                           | G.OLEKSIK      | 10/27/99    |                                                                     |                               |              |
| PROJ/ENG MODEL INFORMATION<br>10-831900-121, PART<br>10-831900-909 |                | SIZE<br>C   | FSCM NO.<br>77820                                                   | DOCUMENT NO.<br>10-831900/909 | REV<br>E     |
|                                                                    |                | SCALE: NONE | REF:                                                                | 10-830983                     | SHEET 1 OF 2 |

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|               |
|---------------|
| N/A           |
| N/A           |
| NEXT ASSEMBLY |

| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            |              |                         | 3                                  |                   |                            |                 | 2     |      |                                             |      | 1         |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|-------------------------|------------------------------------|-------------------|----------------------------|-----------------|-------|------|---------------------------------------------|------|-----------|-----------|-----------|------|----------|------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| PART NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AMPHENOL PART NUMBER       | B<br>THREAD  | C<br>MIN FULL<br>THREAD | E<br>+.008<br>-.007                | F<br>DIA<br>±.005 | H<br>DIA<br>+.002<br>-.003 | J<br>DIA<br>REF | L     | M    | V<br>THREAD<br>PER FEDERAL<br>HANDBOOK H-28 | X    | AA<br>DIA | BB<br>DIA | EE<br>DIA | VV   | Y<br>RAD | APPROXIMATE<br>SURFACE AREA<br>(SQ. IN.) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831900-121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-12001          | 1/4-18 NPT   | .5946                   | .085                               | .639              | .764                       | .787            | 1.171 | .454 | .6250-24 UNEF-2B                            | .600 | .250      | .388      | .540      | .365 | .032     | 5.63                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831901-( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N O T    A V A I L A B L E |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831902-( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N O T    A V A I L A B L E |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831903-182                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-18002          | 1/2-14 NPT   | .7815                   | .085                               | 1.008             | 1.154                      | 1.177           | 1.360 | .454 | 1.0000-20 UNEF-2B                           | .600 | .500      | .625      | .840      | .365 | .016     | 11.10                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831903-183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-18003          | 3/4-14 NPT   | .7395                   | .085                               | 1.008             | 1.154                      | 1.177           | 1.375 | .454 | 1.0000-20 UNEF-2B                           | .600 | .750      | .875      | 1.050     | .365 | .016     | 11.42                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831904-222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-22002          | 1/2-14 NPT   | .7815                   | .085                               | 1.206             | 1.353                      | 1.376           | 1.360 | .454 | 1.1875-18 UNEF-2B                           | .600 | .500      | .625      | .840      | .365 | .032     | 11.53                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831904-223                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-22003          | 3/4-14 NPT   | .7935                   | .085                               | 1.206             | 1.353                      | 1.376           | 1.375 | .454 | 1.1875-18 UNEF-2B                           | .600 | .750      | .875      | 1.050     | .365 | .032     | 12.91                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831905-282                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-28002          | 1/2-14 NPT   | .7815                   | .085                               | 1.456             | 1.608                      | 1.631           | 1.360 | .454 | 1.4375-18 UNEF-2B                           | .600 | .500      | .625      | .840      | .365 | .032     | 13.48                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831905-283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-28003          | 3/4-14 NPT   | .7935                   | .085                               | 1.456             | 1.608                      | 1.631           | 1.375 | .454 | 1.4375-18 UNEF-2B                           | .600 | .750      | .875      | 1.050     | .365 | .032     | 14.86                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831905-284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 97-3055-121-28004          | 1-11 1/2 NPT | .9845                   | .085                               | 1.456             | 1.608                      | 1.631           | 1.563 | .454 | 1.4375-18 UNEF-2B                           | .600 | 1.000     | 1.188     | 1.315     | .365 | .032     | 18.13                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831906-( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N O T    A V A I L A B L E |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831907-( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N O T    A V A I L A B L E |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831908-( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N O T    A V A I L A B L E |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10-831909-( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N O T    A V A I L A B L E |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div>3. STAMP "AMPHENOL" &amp; 97-3055-XXX-XXXXX ON INDICATED SURFACE APPROXIMATELY .062 HIGH PER 9-2811.</div> <div>2. PROCESS SPECIFICATION:<br/>CADMIUM PLATE PER 9-3047<br/>9-2811, 9-6895</div> <div>1. SPECIFIED GENERAL TOLERANCES:<br/>REMOVE ALL BURRS AND SHARP EDGES<br/>.032 RAD ON ALL EXTERNAL CORNERS.</div> <div>NOTES:</div> <div>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORPORATION.</div> |                            |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                            |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div><div>3</div><div>AMPHENOL 97-3055-XXX-XX</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                           |                            |              |                         |                                    |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            |              |                         | 3                                  |                   |                            |                 | 2     |      |                                             |      | 1         |           |           |      |          | TAB.                                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FORMAT: CL REV: APRIL '92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |              |                         | IMAGED / Aug . 17 2009, 3:43:38 PM |                   |                            |                 |       |      |                                             |      |           |           |           |      |          |                                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



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