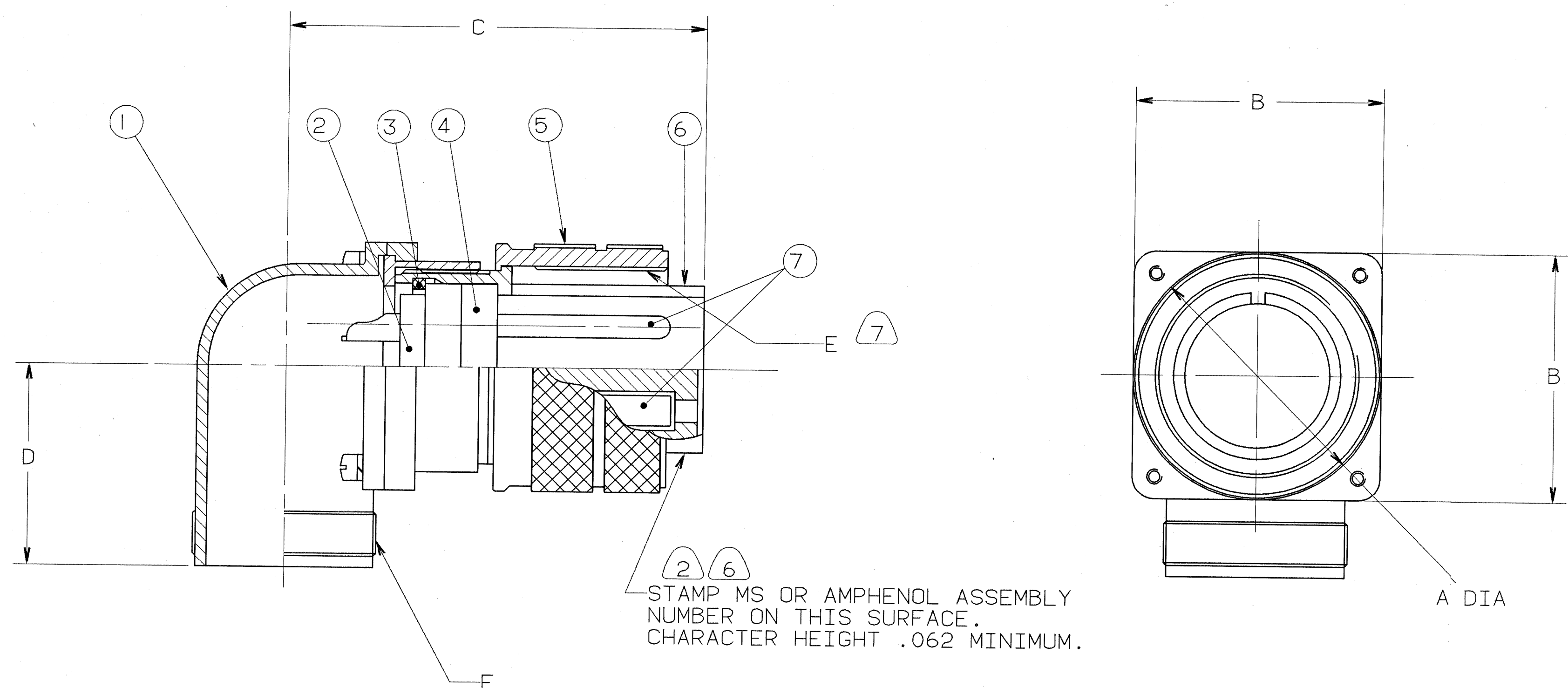


| REVISIONS |     |                                                                                    |                      |              |
|-----------|-----|------------------------------------------------------------------------------------|----------------------|--------------|
| ZONE      | LTR | DESCRIPTION                                                                        | DATE                 | APPROVED     |
|           | C   | (CLII) ADDED NOTE 8<br>ECN:22391                                                   | 08/29/89<br>BURNSIDE | m.n.<br>J.B. |
|           | D   | (CLII) CHANGE BLOCK CHANGE ONLY WAS<br>SHELL 10-617702-XX3 (NO SLOT)<br>ECN: 90048 | 11-18-04<br>DEMATTEO | ged          |



|   |          |            |                  |   |
|---|----------|------------|------------------|---|
| 7 | SEE NOTE | SEE NOTE 1 | CONTACTS         |   |
| 6 |          |            | SHELL            |   |
| 5 |          |            | RING, COUPLING   | 7 |
| 4 |          |            | INSERT, FRONT    |   |
| 3 |          |            | RING, RETAINING  |   |
| 2 |          |            | INSERT, REAR     |   |
| 1 |          |            | HOUSING ASSEMBLY |   |

SEE SHEET 2.  
NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.  
HOWEVER, DOCUMENTS REFERENCED HEREON  
MAY CONTAIN LIMITED RIGHTS DATA.

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

UNLESS OTHERWISE SPECIFIED  
LINEAR DIMENSIONS ARE IN  
INCHES.  
TOLERANCES: .XXX±.010,  
.XX ±.03, .X ±.1,  
ANGLES ±2°.  
OTHER STANDARDS PER 9-3800  
AND DOD-D-1000.  
NOTE REF. =

| FIND NO.                   | QTY REQD.                                                  | FSCM NO.             | PART NUMBER                                                                | DESCRIPTION               | NOTE REF. |
|----------------------------|------------------------------------------------------------|----------------------|----------------------------------------------------------------------------|---------------------------|-----------|
| PARTS LIST                 |                                                            |                      |                                                                            |                           |           |
| SPECIFICATIONS             | SIGNATURES                                                 | DATES                | AMPHENOL CORPORATION<br>BENDIX CONNECTOR OPERATIONS<br>SIDNEY, N.Y.        |                           |           |
| MATERIAL SPEC.<br>N/A      | PREPARED<br>A. PRESCOTT<br>CHECKED<br>PHILPOTT<br>MATERIAL | 11/03/87<br>11/12/87 | CONNECTOR, ELECTRICAL PLUG,<br>TYPE 97-3108A,<br>OLIVE DRAB CADMIUM PLATE. |                           |           |
| PROCESS SPEC.<br>9-2437-33 | APPROVED<br>BERNHARDT<br>HAYNER<br>1ST PART NO.            | 11/13/87<br>11/17/87 | SIZE<br>C 77820                                                            | FSCM NO.<br>10-820100/119 | REV.<br>D |
| 10-820102-03S              |                                                            | SCALE                | NONE                                                                       | WT.                       | REF. N/A  |
|                            |                                                            |                      |                                                                            | SHEET                     | 1 OF 2    |

| 4                            |                                | 3                        |               | 2     |       | 1     |                   |                   |
|------------------------------|--------------------------------|--------------------------|---------------|-------|-------|-------|-------------------|-------------------|
| BENDIX<br>ASSEMBLY<br>NUMBER | AMPHENOL<br>ASSEMBLY<br>NUMBER | MS<br>ASSEMBLY<br>NUMBER | A<br>DIA.     | B     | C     | D     | E<br>THREAD       | F<br>THREAD       |
| 10-820100-()                 | 97-3108A- 8S -()               | MS3108A- 8S -()          | .750          | .781  | 1.250 | .875  | .5000-28 UNEF-2B  | .5000-28 UNEF-2A  |
| 1-()                         | -10S -()                       | -10S -()                 | .875          | .781  | 1.250 | .875  | .6250-24 UNEF-2B  | .5000-28 UNEF-2A  |
| 2-()                         | -10SL-()                       | -10SL-()                 | .875          | 1.063 | 1.312 | 1.000 | .6250-24 UNEF-2B  | .6250-24 UNEF-2A  |
| 3-()                         | -12S -()                       | -12S -()                 | 1.000         | 1.063 | 1.375 | 1.000 | .7500-20 UNEF-2B  | .6250-24 UNEF-2A  |
| 4-()                         | -12SL-()                       | -12SL-()                 | 1.000         | 1.063 | 1.375 | 1.000 | .7500-20 UNEF-2B  | .7500-20 UNEF-2A  |
| 5-()                         | -12 -()                        | -12 -()                  | 1.000         | 1.063 | 1.203 | 1.000 | .7500-20 UNEF-2B  | .6250-24 UNEF-2A  |
| 6-()                         | -14S -()                       | -14S -()                 | 1.125         | 1.063 | 1.375 | 1.000 | .8750-20 UNEF-2B  | .7500-20 UNEF-2A  |
| 7-()                         | -14 -()                        | -14 -()                  | 1.125         | 1.063 | 1.812 | 1.000 | .8750-20 UNEF-2B  | .7500-20 UNEF-2A  |
| 8-()                         | -16S -()                       | -16S -()                 | 1.250         | 1.312 | 1.500 | 1.125 | 1.0000-20 UNEF-2B | .8750-20 UNEF-2A  |
| 9-()                         | -16 -()                        | -16 -()                  | 1.250         | 1.312 | 1.938 | 1.125 | 1.0000-20 UNEF-2B | .8750-20 UNEF-2A  |
| 10-820110-()                 | -18 -()                        | -18 -()                  | 1.344         | 1.312 | 1.938 | 1.125 | 1.1250-18 UNEF-2B | 1.0000-20 UNEF-2A |
| 1-()                         | -20 -()                        | -20 -()                  | 1.469         | 1.625 | 2.063 | 1.312 | 1.2500-18 UNEF-2B | 1.1875-18 UNEF-2A |
| 2-()                         | -22 -()                        | -22 -()                  | 1.594         | 1.625 | 2.063 | 1.312 | 1.3750-18 UNEF-2B | 1.1875-18 UNEF-2A |
| 3-()                         | -24 -()                        | -24 -()                  | 1.719         | 2.000 | 2.469 | 1.500 | 1.5000-18 UNEF-2B | 1.4375-18 UNEF-2A |
| 4-()                         | -28 -()                        | -28 -()                  | 1.969         | 2.000 | 2.469 | 1.500 | 1.7500-18 UNEF-2B | 1.4375-18 UNEF-2A |
| 5-()                         | -32 -()                        | -32 -()                  | NOT AVAILABLE |       |       |       |                   |                   |
| 6-()                         | -36 -()                        | -36 -()                  |               |       |       |       |                   |                   |
| 7-()                         | -40 -()                        | -40 -()                  |               |       |       |       |                   |                   |
| 8-()                         | -44 -()                        | -44 -()                  |               |       |       |       |                   |                   |
| 9-()                         | -48 -()                        | -48 -()                  |               |       |       |       |                   |                   |

TO COMPLETE, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX PER 9-2437-33.

6

8. IDENTIFY PACKAGE WITH APPLICABLE MS OR 97- PART NUMBER PER NOTE 6.

7. APPLY LUBRICANT 9-7568 TO THREADS OF COUPLING RING.

6. FOR BENDIX INSERT ARRANGEMENT SUFFIX -I THROUGH -49, STAMP MS ASSEMBLY NUMBER. FOR BENDIX INSERT ARRANGEMENT SUFFIX -50 THROUGH -99, AND -AA THROUGH -BC, STAMP AMPHENOL ASSEMBLY NUMBER.

5. FOR CONTACT ARRANGEMENT, SEE MIL-STD-1651 AND L-22208-() THROUGH L-22248-().

4. PACKAGE PER PRODUCTION PROCESS SHEET.

3. UNITS MEET THE APPLICABLE REQUIREMENTS OF MIL-C-5015.

2. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

1. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.

NOTES:

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COMPUTER GENERATED DRAWING

SIZE C

FSCM NO. 77820

REV. D

SCALE

WT.

REF.

SHEET 2

10-820100/119

IMAGED Nov 22 2004 02:49 PM

TAB.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Amphenol:

[97-3108A-14S](#) [97-3108A-18](#) [97-3108A-20](#) [97-3108A-22](#) [97-3108A-24](#) [97-3108A-24-7S](#) [97-3108A-24-2S](#) [97-3108A-24-2P](#) [97-3108A-24-7P](#) [97-3108A-24-5S](#) [97-3108A-24-5P](#) [97-3108A-16-10S](#) [97-3108A-16-10P](#) [97-3108A-22-19S](#) [97-3108A-22-19P](#) [97-3108A-22-14P](#) [97-3108A-22-14S](#) [97-3108A-28-21P](#) [97-3108A-28-21S](#) [97-3108A-12S](#) [97-3108A-18-1P](#) [97-3108A-18-1S](#) [97-3108A-18-8P](#) [97-3108A-18-8S](#) [97-3108A-18-4P](#) [97-3108A-18-4S](#) [97-3108A-12S-3S](#) [97-3108A-12S-3P](#) [97-3108A-28-10P](#) [97-3108A-28-10S](#) [97-3108A-28-16S](#) [97-3108A-28-16P](#) [97-3108A-28-15P](#) [97-3108A-28-15S](#) [97-3108A-28-11P](#) [97-3108A-28-11S](#) [97-3108A-16S-1P](#) [97-3108A-16S-1S](#) [97-3108A-16S-8P](#) [97-3108A-16S-8S](#) [97-3108A-10SL-3S](#) [97-3108A-10SL-4S](#) [97-3108B-10SL-3S](#) [97-3108A-14S\(621\)](#) [97-3108A-16S\(621\)](#) [97-3108A-24\(639\)](#) [97-3108A-22-2S](#) [97-3108A-12SL-844S](#) [97-3108A-14S\(639\)](#) [97-3108A-16](#) [97-3108A-16S](#) [97-3108A-16\(639\)](#) [97-3108A-12](#) [97-3108A-28\(639\)](#) [97-3108A-20\(624\)](#) [97-3108A-22\(624\)](#) [97-3108A-22\(639\)](#) [97-3108A-12\(639\)](#) [97-3108A-20\(639\)](#) [97-3108A-22-34P\(946\)](#) [97-3108A-18\(621\)](#) [97-3108A-18-11S](#) [97-3108A-18-11P](#) [97-3108A-18-19P](#) [97-3108A-18-19S](#) [97-3108A-18-10S](#) [97-3108A-18-10P](#) [97-3108A-18-12S](#) [97-3108A-18-12P](#) [97-3108A-18-16P](#) [97-3108A-18-16S](#) [97-3108A-14S-7S](#) [97-3108A-14S-7P](#) [97-3108A-14S-1P](#) [97-3108A-14S-1S](#) [97-3108A-14S-5S](#) [97-3108A-14S-5P](#) [97-3108A-14S-2S](#) [97-3108A-14S-2P](#) [97-3108A-14S-6S](#) [97-3108A-14S-6P](#) [97-3108A-24-28P](#) [97-3108A-24-28S](#) [97-3108A-20-7P](#) [97-3108A-20-7S](#) [97-3108A-20-4P](#) [97-3108A-20-4S](#) [97-3108A-24-11S](#) [97-3108A-24-11P](#) [97-3108A-20-29S](#) [97-3108A-20-29P](#) [97-3108A-20-27S](#) [97-3108A-20-27P](#) [97-3108A-20-15S](#) [97-3108A-20-15P](#) [97-3108A-20-16S](#) [97-3108A-20-16P](#) [97-3108A-22-22S](#) [97-3108A-18\(639\)](#) [97-3108A-28](#)