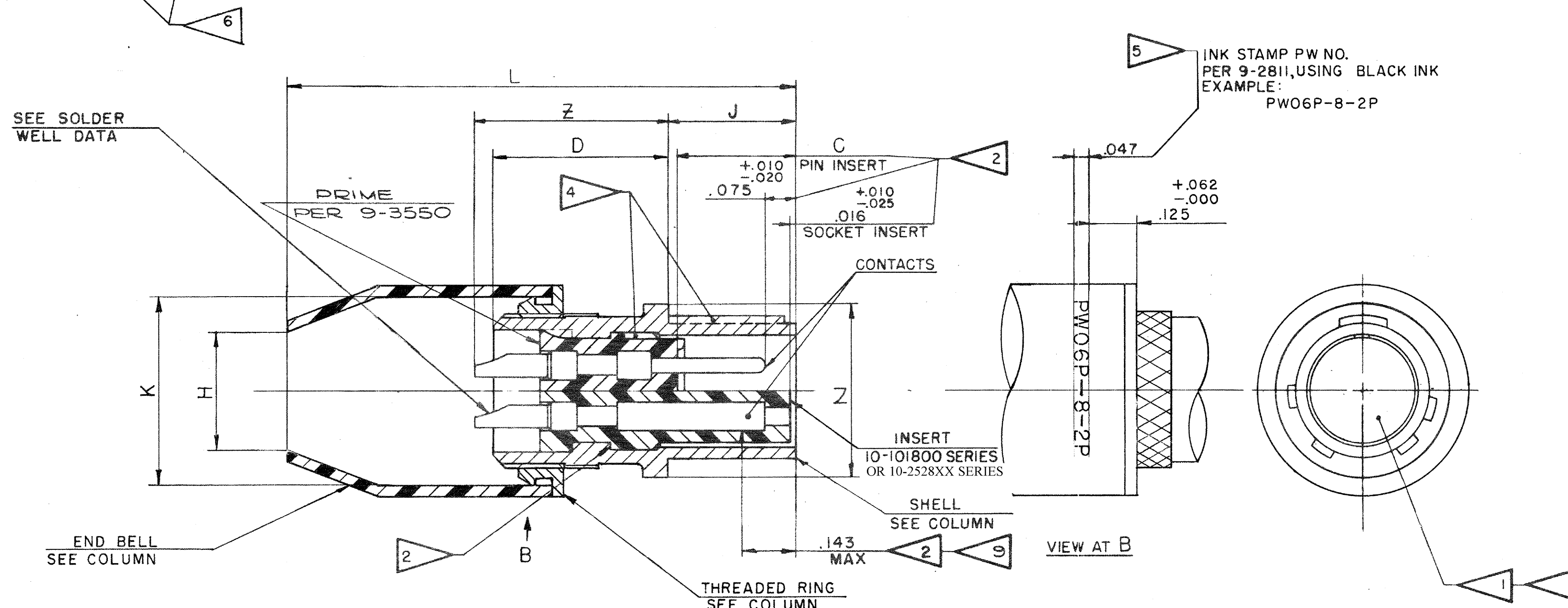


| ASSEMBLY<br>NUMBER | PW<br>NO. | DETAILS      |               |                  | DIMENSIONS          |            |            |                     |          |          |            |  | K<br>DIA |
|--------------------|-----------|--------------|---------------|------------------|---------------------|------------|------------|---------------------|----------|----------|------------|--|----------|
|                    |           | SHELL        | END BELL      | THREADED<br>RING | G<br>+.010<br>-.025 | J<br>±.005 | D<br>±.005 | L<br>+.000<br>-.100 | N<br>DIA | H<br>DIA | Z<br>±.035 |  |          |
| 71-184081-         | 06P-6-    | 10-150924-63 | 10-150913-6   | 10-150912-63     | .328                | .353       | .475       | 1.427               | .349     | .202     | .525       |  | .392     |
| 71-184082-         | -8-       | -83          | -8            | -83              |                     |            |            |                     | .474     | .327     |            |  | .516     |
| 71-184083-         | -10-      | -103         | -10           | -103             |                     |            |            |                     | .591     | .444     |            |  | .642     |
| 71-184084-         | -12-      | -123         | -12           | -123             |                     |            |            |                     | .751     | .558     |            |  | .766     |
| 71-184085-         | -14-      | -143         | -14           | -143             |                     |            |            |                     | .876     | .683     |            |  | .892     |
| 71-184086-         | -16-      | -163         | -16           | -163             |                     |            |            |                     | 1.001    | .808     |            |  | 1.018    |
| 71-184087-         | -18-      | -183         | -18           | -183             |                     |            |            |                     | 1.126    | .909     |            |  | 1.142    |
| 71-184088-         | -20-      | -203         | -20           | -203             |                     | .415       | .569       | 1.548               | 1.251    | 1.034    | .619       |  | 1.268    |
| 71-184089-         | -22-      | -223         | -22           | -223             |                     | .415       | .569       | 1.548               | 1.376    | 1.159    | .619       |  | 1.392    |
| 71-184090-         | -24-      | -243         | -24           | -243             |                     | .415       | .631       | 1.610               | 1.501    | 1.284    | .619       |  | 1.518    |
| 71-184091/99       |           |              | NOT AVAILABLE |                  |                     |            |            |                     |          |          |            |  |          |

| REL. | 33508-173 | WAS                           | DATE     | D MAN     | APPR. |
|------|-----------|-------------------------------|----------|-----------|-------|
| A1   | 34305-1   | REDESIGNED TO INCORP END BELL | 6-13-58  | Lambrecht |       |
| A2   | 35524-417 | ADDED 8 REL, SIZE 24 & DATA   | 4-7-59   | REYNOLDS  |       |
| A3   | 42525-915 | ADDED NOTE 10                 | 8-6-64   | BARR      |       |
| B    | B4674     | (CLII)ADDED ALT INSERT        | 11/15/12 | Prescott  |       |

**ACCESSORIES**  
(NOT PART OF STANDARD ASSEMBLY)

SEE DRAWING  
10-150000



71-184080 THRU  
71-184099

- TO COMPLETE ASSY NO. AND PW NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- VERTICAL CENTERLINES OF INSERT ARRANGEMENT & THE MAIN SHELL POLARIZING KEY TO BE WITHIN .005 OF INDICATED ROTATION PER 9-2437-1.
- FOR CONTACT ARRANGEMENTS, SEE DRAWINGS L-15206-() THRU L-15250-().
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
- INSERTS AND CONTACTS MUST NOT BE REMOVED.

- UNITS ILLUSTRATED MEET THE PERFORMANCE REQUIREMENTS OF MIL-C-26482 EXCEPT MINUS COUPLING NUT.
- DISTANCE BETWEEN END OF SHELL AND THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT AND A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.
- FOR MATING RECEPTACLE, SEE 71-150700 THRU 71-150724 AND OTHERS.
- FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.

| SOLDER WELL DATA |                                        |                                        |  |  |  |  |  |  |  |
|------------------|----------------------------------------|----------------------------------------|--|--|--|--|--|--|--|
| CONTACT SIZE     | 20                                     | 16                                     |  |  |  |  |  |  |  |
| WELL DIA         | .046 <sup>+.004</sup> <sub>-.000</sub> | .078 <sup>+.004</sup> <sub>-.002</sub> |  |  |  |  |  |  |  |
| WELL DEPTH       | .125                                   | .188                                   |  |  |  |  |  |  |  |

|                  |  |                                                                      |  |                                                                        |  |                                       |  |
|------------------|--|----------------------------------------------------------------------|--|------------------------------------------------------------------------|--|---------------------------------------|--|
| MATERIAL SPEC.   |  | PROCESS SPEC                                                         |  | SCINTILLA MAGNETO DIVISION                                             |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |
|                  |  | TEST<br>9-3353-2<br>ASSY<br>9-3443-1<br>9-2437-1<br>9-3550<br>9-2811 |  | BENDIX AVIATION CORPORATION<br>SIDNEY N.Y. U.S.A.                      |  | DECIMALS & 0.010                      |  |
| HEAT TREAT SPEC. |  | FINISH SPEC                                                          |  | NAME                                                                   |  | NEXT ASSEMBLY                         |  |
|                  |  |                                                                      |  | CONNECTOR, ELECTRICAL PLUG,<br>TYPE PWP ( ) MC, SPECIAL,<br>OLIVE DRAB |  | WEIGHT - LBS<br>SEE PARTS LIST        |  |
| TOOL ACC.        |  | COA REC NC                                                           |  | D'MAN                                                                  |  | SUPERSEDES                            |  |
|                  |  |                                                                      |  | A. Niles                                                               |  | SUPERSEDED BY                         |  |
|                  |  |                                                                      |  | 3-4-58                                                                 |  | 71-150750/74                          |  |
|                  |  |                                                                      |  | 3-10-58                                                                |  | 71-184080 THRU<br>71-184099           |  |
|                  |  |                                                                      |  | 3-12-58                                                                |  | AND IS NOT INTERCHANGEABLE            |  |
|                  |  |                                                                      |  | 3-12-58                                                                |  | REF                                   |  |