

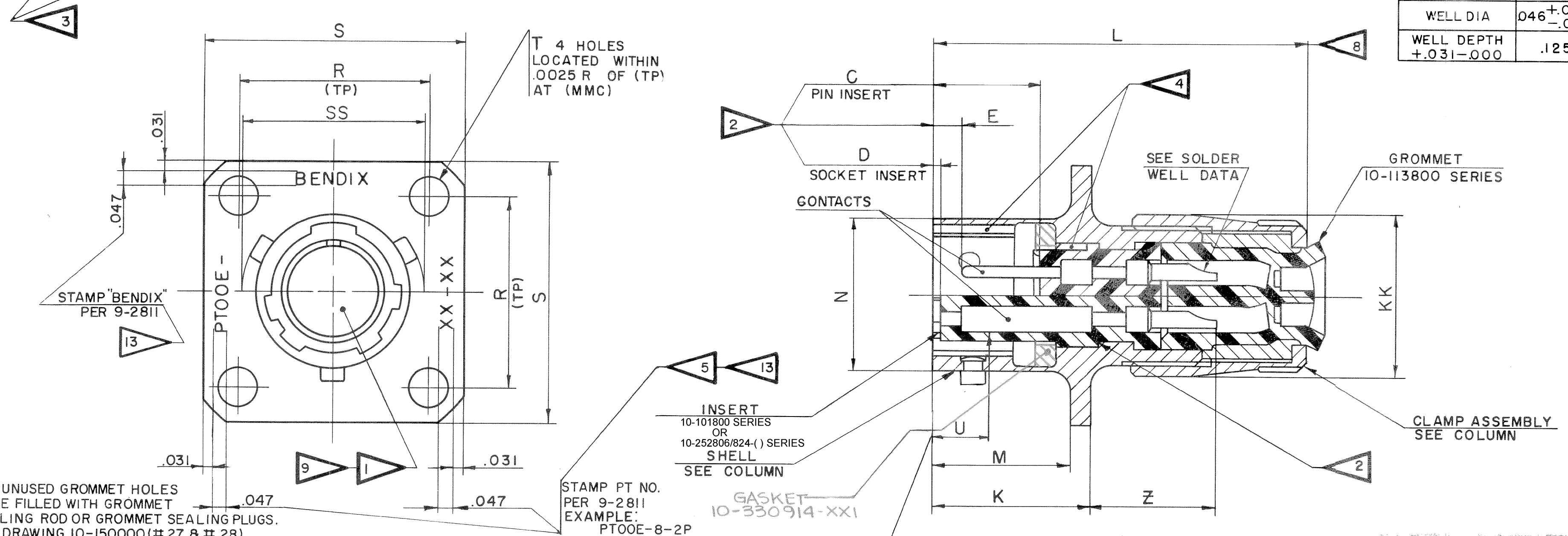
| ASSEMBLY NUMBER | PT NUMBER | DETAILS      |                | DIMENSIONS          |                     |                     |                            |                     |                     |                     |                  |           |       |                   |                     |                             |          |
|-----------------|-----------|--------------|----------------|---------------------|---------------------|---------------------|----------------------------|---------------------|---------------------|---------------------|------------------|-----------|-------|-------------------|---------------------|-----------------------------|----------|
|                 |           | SHELL        | CLAMP ASSEMBLY | C<br>+.010<br>-.025 | D<br>+.010<br>-.025 | E<br>+.010<br>-.020 | N<br>DIA<br>+.001<br>-.005 | K<br>+.020<br>-.010 | L<br>+.045<br>-.025 | M<br>+.010<br>-.000 | KK<br>DIA<br>MAX | R<br>(TP) | S     | T<br>DIA<br>±.005 | Z<br>+.040<br>-.050 | SS<br>DIA<br>+.000<br>-.016 | U<br>MAX |
| 71-148006-      | 00E-6-    | 10-150900-63 | 10-117930-63   | .337                | .025                | .085                | .348                       | .493                | 1.165               | .431                | .420             | .469      | .688  | .120              | .394                | .439                        | .153     |
| 71-148008-      | -8-       | -83          | -83            |                     |                     |                     | .473                       |                     |                     |                     | .540             | .594      | .812  |                   |                     | .563                        |          |
| 71-148010-      | -10-      | -103         | -103           |                     |                     |                     | .590                       |                     |                     |                     | .665             | .719      | .938  |                   |                     | .680                        |          |
| 71-148012-      | -12-      | -123         | -123           |                     |                     |                     | .750                       |                     |                     |                     | .793             | .812      | 1.031 |                   |                     | .859                        |          |
| 71-148014-      | -14-      | -143         | -143           |                     |                     |                     | .875                       |                     |                     |                     | .910             | .906      | 1.125 |                   |                     | .983                        |          |
| 71-148016-      | -16-      | -163         | -163           |                     |                     |                     | 1.000                      |                     |                     |                     | 1.037            | .969      | 1.219 |                   |                     | 1.108                       |          |
| 71-148018-      | -18-      | -183         | -183           | ↓                   | ↓                   | ↓                   | 1.125                      | ↓                   | ↓                   | ↓                   | 1.155            | 1.062     | 1.312 |                   | ↓                   | 1.233                       | ↓        |
| 71-148020-      | -20-      | -203         | -203           | .399                | .087                | .147                | 1.250                      | .650                | 1.415               | .556                | 1.281            | 1.156     | 1.438 |                   | .455                | 1.359                       | .215     |
| 71-148022-      | -22-      | -223         | -223           | .399                | .087                | .147                | 1.375                      | .650                | 1.415               | .556                | 1.408            | 1.250     | 1.562 | ↓                 | .455                | 1.483                       | .215     |
| 71-148024-      | ↓-24-     | ↓-243        | ↓-243          | .399                | .087                | .147                | 1.500                      | .683                | 1.477               | .589                | 1.535            | 1.375     | 1.688 | .147              | .422                | 1.614                       | .215     |
| 71-148025/50    |           |              |                | NOT AVAILABLE       |                     |                     |                            |                     |                     |                     |                  |           |       |                   |                     |                             |          |

| REL         | WAS                                       | DATE     | D'MAN     | APPD |
|-------------|---|----------|-----------|------|
| 32508-147   | 9-3105-2 (PRO SPEC)                       | 4-30-57  | MANGAN    |      |
| 1 CNR       | COL J +.000-.005 DIA; ADD NOTE II.        | 5-27-58  | MOORE     |      |
| 2 34105-3   | ADD & REL SIZE 24 8 DATA                  | 7-29-58  | MOORE     |      |
| 3 31524-604 | BB DIA MAX, T DIA +.004; REV STANDARDIZED | 10-29-58 | MOORE     |      |
| 4 35525-249 | BB DIA COL, N DIA COL;                    |          |           |      |
| 5 36162-13  | TEST 9-3353-1 (PRO SPEC)                  | 1-28-60  | GARDNER   |      |
| A1 42620-29 | STD PRACTICE                              | 1-7-64   | GARDNER   |      |
| A2 51430-1  | REM NOTE 12                               | 43070    |           |      |
| B 75107-1   | (CL II) ADDED GASKET                      | 8-8-84   | REXOTTE   |      |
| C           | (CL II) SEE CHANGE NOTICE ECN: A4896      | 6/30/08  | H.BROOKER |      |

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

SEE DRAWING  
10-150000

| SOLDER WELL DATA |  |  |
|------------------|--|--|
| CONTACT SIZE     | 20                                     | 16                                     |
| WELL DIA         | 046 <sup>+0.004</sup> <sub>-.000</sub> | 078 <sup>+0.004</sup> <sub>-.002</sub> |
| WELL DEPTH       | .125                                   | .188                                   |



- FOR CONTACT ARRANGEMENTS, SEE DRAWINGS L-15206-() THRU L-15250-().
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
- TO COMPLETE ASSY NO. & PT NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.
- VERTICAL CENTERLINES OF INSERT ARRANGEMENT & THE MAIN SHELL POLARIZING KEYWAY TO BE WITHIN .005 OF INDICATED ROTATION PER 9-2437-1.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIA AS THE MATING CONTACT & A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.
- ALL UNUSED GROMMET HOLES TO BE FILLED WITH GROMMET SEALING ROD OR GROMMET SEALING PLUGS. SEE DRAWING 10-150000 (# 27 & # 28).

- INSERTS & CONTACTS MUST NOT BE REMOVED.
- DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE & SHIPPING, SHELL & CLAMP ASSEMBLY MUST BE LOOSELY COUPLED.
- STAMPING MAY BE ON EITHER SIDE OF FLANGE. (ONE SIDE ONLY).
- TOLERANCES OF TRUE POSITION (TP) DIMENSIONS APPLY AT MAX MATERIAL CONDITION (MMC).
- FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.
- SEE DRAWING 71-148606/50 AND OTHERS FOR REQUIRED MATING PLUG ASSEMBLY.

| UNLESS OTHERWISE SPECIFIED   |  |
|--|--|
| LINEAR DIMENSIONS ARE IN INCHES.<br>TOLERANCES: 3 PLACES ±.010;<br>2 PLACES ±.03; 1 PLACE ±.1;<br>ANGLES ± 2°. OTHER STANDARDS PER<br>SCINTILLA SPEC 9-3800 AND MIL-STD 8. |  |
| MATERIAL SPEC  | PROCESS SPEC   |
|  | TEST<br>9-3980-1<br>ASSY<br>9-3605-2<br>9-2437-1<br>9-2811 |
| DRAWN: J. SCALONE DATE: 1-9-57   |  |
| CHECKED: KOVARICK DATE: 2-25-57  |  |
| MATERIAL: P  |  |
| STANDARDS: Whist   |  |
| DRAFTING: Dejevo   |  |
| ENGINEERING: Whist   |  |
| DEVELOPMENT:   |  |

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THE **Bendix** CORPORATION  
SCINTILLA DIVISION  
SIDNEY, NEW YORK, U.S.A.

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE PTE ( ) FW, OLIVE DRAB

CODE IDENT NO. 77820 SIZE C

71-148006 THRU 71-148050

SCALE NONE WT SEE PARTS LIST REF SHEET

71-148006/50

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