



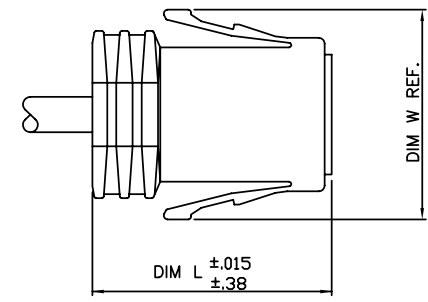
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PRODUCT NO.  
SEE SHT. 2

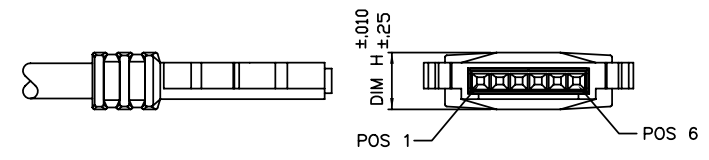
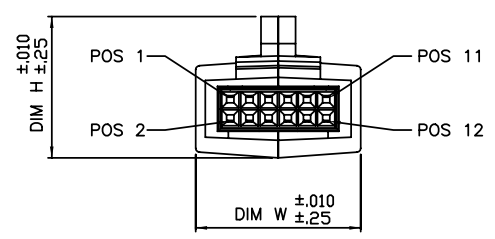
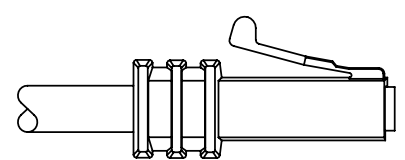
| SIZE   | DIM H      | DIM L       | DIM W       |
|--------|------------|-------------|-------------|
| 1 X 4  | .300/7.62  | 1.291/32.79 |             |
| 1 X 6  | .300/7.62  | 1.291/32.79 |             |
| 1 X 8  | .300/7.62  | 1.291/32.79 |             |
| 1 X 10 | .300/7.62  | 1.291/32.79 |             |
| 2 X 3  | .705/17.91 | 1.267/32.18 | .560/14.22  |
| 2 X 4  | .705/17.91 | 1.267/32.18 | .660/16.76  |
| 2 X 6  | .735/18.67 | 1.365/34.67 | .860/21.84  |
| 2 X 8  | .735/18.67 | 1.365/34.67 | 1.060/26.92 |
| 2 X 10 | .735/18.67 | 1.365/34.67 | 1.260/32.00 |



DOUBLE ROW PLUG ASSEMBLY



SINGLE ROW PLUG ASSEMBLY



| rev | ecn no   | dr  | date     |
|-----|----------|-----|----------|
| S   | N10-0425 | KW  | 12/14/10 |
| M   | V03-0798 | HTB | 7/16/03  |
| N   | M05-0062 | ERE | 4/01/05  |
| P   | M06-0151 | MHT | 4/10/06  |
| R   | M06-0365 | AGS | 9/21/06  |

|                    |          |         |                                       |                                   |                      |               |          |
|--------------------|----------|---------|---------------------------------------|-----------------------------------|----------------------|---------------|----------|
| www.fciconnect.com |          |         | surface<br>ISO 1302                   | tolerance std<br>ISO 406/ISO 1101 | projection<br>ISO 10 | INCH/MM       |          |
|                    |          |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |                                   |                      | size          | Scale    |
| Dr                 | D.INGRAM | 5/13/96 | ANGULAR                               | LINEAR                            |                      | A4            | 1:1      |
| Eng                | M.SMYK   | 5/13/96 |                                       |                                   |                      |               |          |
| Chr                | M.SMYK   | 5/13/96 | 0°                                    | ±2°                               |                      | ECN           | N10-0425 |
| Appr               | M.SMYK   | 5/13/96 | Product family LATCH-N-LOK            |                                   |                      | Spec ref      |          |
|                    |          |         | title LATCH-N-LOK CONNECTOR KIT       |                                   |                      | dwg no        | 91481    |
|                    |          |         | catalog no                            |                                   |                      | CUSTOMER COPY | Rev. S   |
|                    |          |         |                                       |                                   |                      | sheet 1 of 5  |          |



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PRODUCT NUMBER  
SEE TABLE

914VW-XYZLF

LEAD FREE OPTION ⑨ ⑩

| Y   | COLOR<br>PLUG AND CAP |          |
|-----|-----------------------|----------|
| -1- | LIGHT GRAY            | OBSOLETE |
| 2   | OFF-WHITE             |          |
| -3- | DARK GRAY             | OBSOLETE |
| 4   | BLACK                 |          |
| -5- | SLATE GRAY            | OBSOLETE |
| 7   | SILVER GRAY           |          |
| -8- | PEARL WHITE           | OBSOLETE |
| 9   | PEBBLE GRAY           |          |

NOTE 6

| Z | CABLE EXIT<br>STYLE |
|---|---------------------|
| 0 | NO EXIT             |
| 1 | REAR EXIT           |
| 2 | RIGHT EXIT          |
| 3 | LEFT EXIT           |

NOTE 5

| X | SIZES<br>2X3 & 2X4<br>CABLE O.D. | SIZES<br>2X6, 2X8 & 2X10<br>CABLE O.D. | SIZES<br>1X4, 1X6, 1X8 & 1X10<br>CABLE O.D. |
|---|----------------------------------|----------------------------------------|---------------------------------------------|
| 0 | .040/1.02 TO .065/1.65           | .145/3.86 TO .165/4.19                 | .045/1.14 TO .075/1.91                      |
| 1 | .070/1.78 TO .095/2.41           | .170/4.32 TO .195/4.95                 | .080/2.03 TO .095/2.41                      |
| 2 | .100/2.54 TO .125/3.18           | .200/5.08 TO .225/5.72                 | .100/2.54 TO .115/2.92                      |
| 3 | .130/3.30 TO .155/3.94           | .230/5.84 TO .255/6.48                 | .120/3.05 TO .135/3.43                      |
| 4 | .160/4.06 TO .185/4.70           | .260/6.60 TO .285/7.24                 | .140/3.56 TO .155/3.94                      |
| 5 | .190/4.83 TO .215/5.46           | .290/7.34 TO .315/8.00                 | .160/4.06 TO .175/4.45                      |
| 6 | .220/5.59 TO .245/6.22           | NA                                     | .180/4.57 TO .195/4.95                      |
| 7 | .250/6.35 TO .275/6.99           | NA                                     | NA                                          |
| 8 | NO EXIT HOLE                     | NO EXIT HOLE                           | NO EXIT HOLE                                |

| W | SIZE<br>CONFIGURATION |
|---|-----------------------|
| 1 | 1 X 4                 |
| 2 | 1 X 6                 |
| 3 | 1 X 8                 |
| 4 | 1 X 10                |
| 5 | 2 X 3                 |
| 6 | 2 X 4                 |
| 7 | 2 X 6                 |
| 8 | 2 X 8                 |
| 9 | 2 X 10                |

| V | WIRE SIZE                       |
|---|---------------------------------|
| 6 | LATCH GUARD (PV'S NOT INCLUDED) |
| 7 |                                 |
| 8 | PV'S NOT INCLUDED               |

NOTE 7

## EXAMPLE

91486-541 - IS A 2 X 4 REAR EXIT PLUG IN  
BLACK WITH A CABLE EXIT HOLE SIZE  
OF .220/5.59 DIA. (<Ø.190/4.83 TO  
Ø.215/5.46 CABLE RANGE).

|                                                                                       |          |            |                                       |     |                                   |  |                                                                                                     |  |                                                                                                  |  |              |              |
|---------------------------------------------------------------------------------------|----------|------------|---------------------------------------|-----|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|--------------|--------------|
| www.fciconnect.com                                                                    |          |            | surface<br>ISO 1302                   |     | tolerance std<br>ISO 406/ISO 1101 |  | projection<br> |  | INCH/MM<br> |  |              |              |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |     |                                   |  |                                                                                                     |  |                                                                                                  |  |              |              |
| Dr                                                                                    | D.INGRAM | 5/13/96    | ANGULAR                               |     | LINEAR                            |  | 0.XX/0.X                                                                                            |  | ±0.01/0.3                                                                                        |  | size<br>A4   | Scale<br>1:1 |
| Eng                                                                                   | M.SMYK   | 5/13/96    |                                       |     |                                   |  | 0.XXX/0.XX                                                                                          |  | ±0.005/0.13                                                                                      |  |              |              |
| Chr                                                                                   | M.SMYK   | 5/13/96    | 0°                                    | ±2° |                                   |  | 0.XXXX/0.XXX                                                                                        |  | ±0.0020/0.051                                                                                    |  | ECN          | N10-0425     |
| Appr                                                                                  | M.SMYK   | 5/13/96    | Product family LATCH-N-LOK            |     |                                   |  |                                                                                                     |  | Spec ref                                                                                         |  |              |              |
|  |          | title      | LATCH-N-LOK<br>CONNECTOR KIT          |     |                                   |  |                                                                                                     |  | dwg no<br>91481                                                                                  |  | Rev.<br>S    |              |
|                                                                                       |          |            |                                       |     |                                   |  |                                                                                                     |  |                                                                                                  |  |              |              |
|                                                                                       |          |            |                                       |     |                                   |  |                                                                                                     |  |                                                                                                  |  |              |              |
|                                                                                       |          |            |                                       |     |                                   |  |                                                                                                     |  |                                                                                                  |  |              |              |
|                                                                                       |          | catalog no |                                       |     |                                   |  |                                                                                                     |  | CUSTOMER COPY                                                                                    |  | sheet 2 of 5 |              |
|                                                                                       |          |            |                                       |     |                                   |  |                                                                                                     |  |                                                                                                  |  |              |              |

## NOTES:

1. EACH KIT CONTAINS ONE EACH OF THE FOLLOWING COMPONENTS:  
PLUG FRONT NOTE 8  
CAP  
MINI-LATCH HOUSING  
SHIELD CAN  
CRIMP RING
2. COMPONENTS ARE BULK PACKAGE WITH 100 PC OF A COMPONENT PER BAG. PV'S MUST BE ORDERED SEPARATELY.
3. MATERIALS USED: PLUGS AND CAPS ARE MOLDED IN POLYCARBONATE. THE MINI-LATCH HOUSING IS MOLDED IN NYLON, COLOR IS BLACK. THE CRIMP RING IS 304 STAINLESS STEEL, 1/2 HARD. THE SHIELD CAN IS 1/2 HARD BRASS, PLATED WITH 100-150 $\mu$ " / 2.54-4.06 $\mu$  OF TIN.
4. PLUGS, CAPS, MINI-LATCH HOUSING AND SHIELD CANS ARE ALL U.L. RECOGNIZED AND CSA APPROVED COMPONENTS.
- ⑤ SINGLE ROW CONNECTORS WITH REAR CABLE EXITS ARE CONSIDERED STANDARD PRODUCTS. SINGLE ROW CONNECTORS WITH SIDE CABLE EXITS ARE "CUSTOMER SPECIALS" AND INCLUDE A NYLON TIE WRAP REPLACING THE CRIMP RING (NORMAL CORD RETENTION WILL BE REDUCED AS A RESULT).
- ⑥ PLUG AND CAP COLORS LISTED ARE LOW GLOSS FINISH.
- ⑦ LATCH GUARD TOOLED IN 2 X 4 SIZE ONLY. THESE KITS DO NOT INCLUDE PV TERMINALS.
- ⑧ PLUG TOOLING WITH NO EXIT HOLE AVAILABLE IN 2 X 3, 2 X 4, AND 2 X 6 SIZES ONLY.
- ⑨ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

THE DIAGRAM FOR 91481



THE DIAGRAM FOR 91482

|                                                                                       |          |         |                                       |        |                                   |                 |                                                                                                     |    |                                                                                                  |  |
|---------------------------------------------------------------------------------------|----------|---------|---------------------------------------|--------|-----------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|----|--------------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |          |         | surface<br>ISO 1302                   |        | tolerance std<br>ISO 406/ISO 1101 |                 | projection<br> |    | INCH/MM<br> |  |
|                                                                                       |          |         | TOLERANCES UNLESS                     |        | OTHERWISE SPECIFIED               |                 |                                                                                                     |    |                                                                                                  |  |
| Dr                                                                                    | D.INGRAM | 5/13/96 | ANGULAR                               | LINEAR | 0.XX/0.X                          | ±0.01/0.3       | size                                                                                                | A4 | Scale<br>1:1                                                                                     |  |
| Eng                                                                                   | M.SMYK   | 5/13/96 |                                       |        | 0.XXX/0.XX                        | ±0.005/0.13     |                                                                                                     |    |                                                                                                  |  |
| Chr                                                                                   | M.SMYK   | 5/13/96 | 0°                                    | ±2°    | 0.XXXX/0.XXX                      | ±0.0020/0.051   | ECN                                                                                                 |    | N10-0425                                                                                         |  |
| Appr                                                                                  | M.SMYK   | 5/13/96 | Product family LATCH-N-LOK            |        |                                   |                 | Spec ref                                                                                            |    |                                                                                                  |  |
|  |          |         | title<br>LATCH-N-LOK<br>CONNECTOR KIT |        |                                   | dwg no<br>91481 |                                                                                                     |    | Rev.<br>S                                                                                        |  |
| catalog no                                                                            |          |         |                                       |        |                                   |                 |                                                                                                     |    |                                                                                                  |  |
|                                                                                       |          |         |                                       |        |                                   | CUSTOMER COPY   |                                                                                                     |    | sheet 3 of 5                                                                                     |  |

1

2

3

4

A

B

C

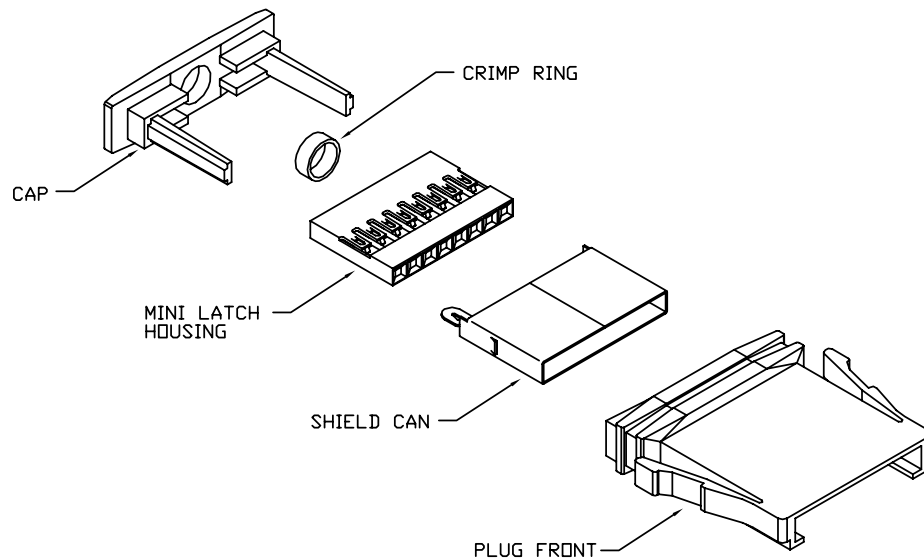
D

A

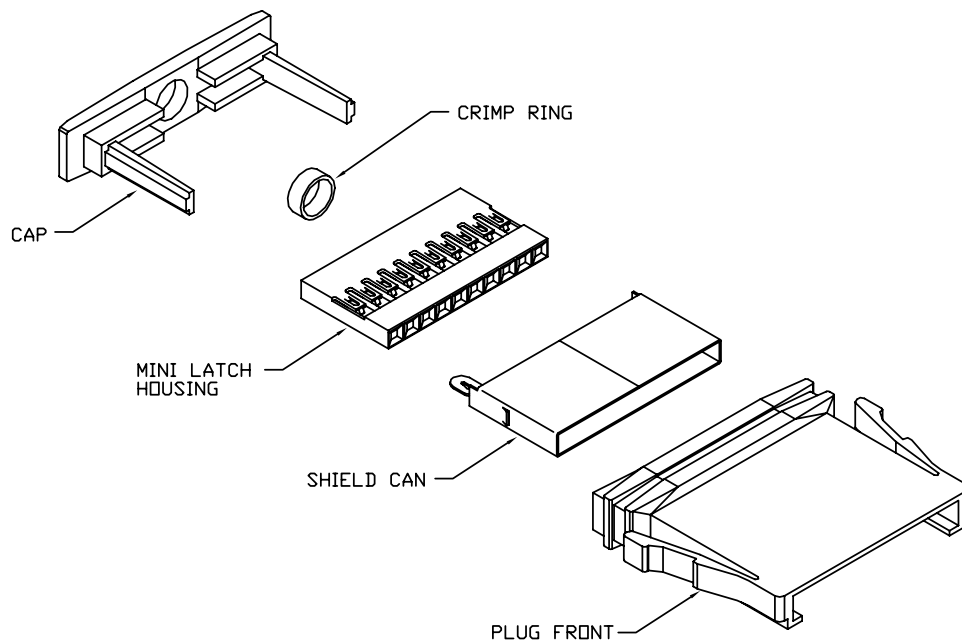
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C

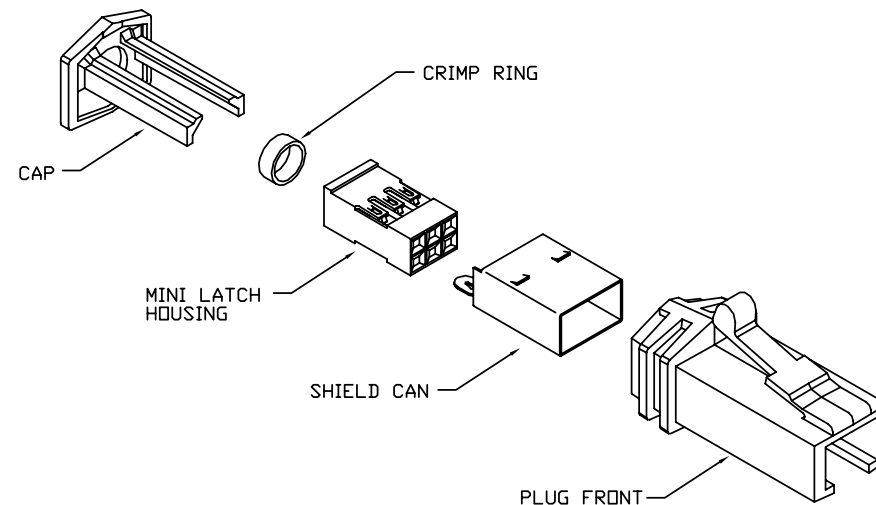
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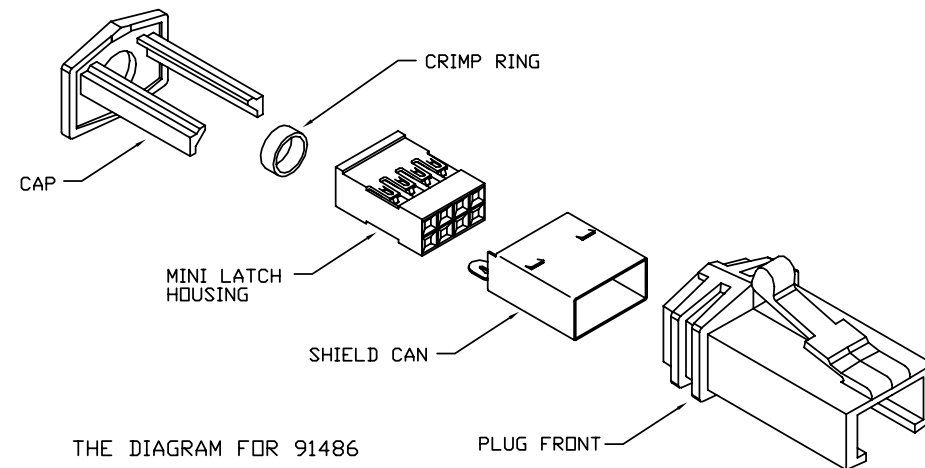
THE DIAGRAM FOR 91483



THE DIAGRAM FOR 91484



THE DIAGRAM FOR 91485



THE DIAGRAM FOR 91486

|                                                                                       |          |         |                                       |     |                                   |            |                                                                                                     |            |                                                                                                  |          |
|---------------------------------------------------------------------------------------|----------|---------|---------------------------------------|-----|-----------------------------------|------------|-----------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------|----------|
| www.fciconnect.com                                                                    |          |         | surface<br>ISO 1302                   |     | tolerance std<br>ISO 406/ISO 1101 |            | projection<br> |            | INCH/MM<br> |          |
|                                                                                       |          |         | TOLERANCES UNLESS                     |     | OTHERWISE SPECIFIED               |            |                                                                                                     |            |                                                                                                  |          |
| Dr                                                                                    | D.INGRAM | 5/13/96 | ANGULAR                               |     | LINEAR                            | 0.XX/0.X   | ±0.01/0.3                                                                                           | size<br>A4 | Scale<br>1:1                                                                                     |          |
| Eng                                                                                   | M.SMYK   | 5/13/96 |                                       |     |                                   | 0.XXX/0.XX | ±0.005/0.13                                                                                         |            |                                                                                                  |          |
| Chr                                                                                   | M.SMYK   | 5/13/96 | 0"                                    | ±2" | 0.XXXX/0.XXX                      |            | ±0.0020/0.051                                                                                       | ECN        |                                                                                                  | N10-0425 |
| Appr                                                                                  | M.SMYK   | 5/13/96 | Product family                        |     | LATCH-N-LOK                       |            | Spec ref                                                                                            |            |                                                                                                  |          |
|  |          |         | title<br>LATCH-N-LOK<br>CONNECTOR KIT |     |                                   |            | dwg no<br>91481                                                                                     |            | Rev.<br>S                                                                                        |          |
|                                                                                       |          |         |                                       |     |                                   |            |                                                                                                     |            |                                                                                                  |          |
| catalog no                                                                            |          |         | CUSTOMER COPY                         |     |                                   |            | sheet 4 of 5                                                                                        |            |                                                                                                  |          |

1

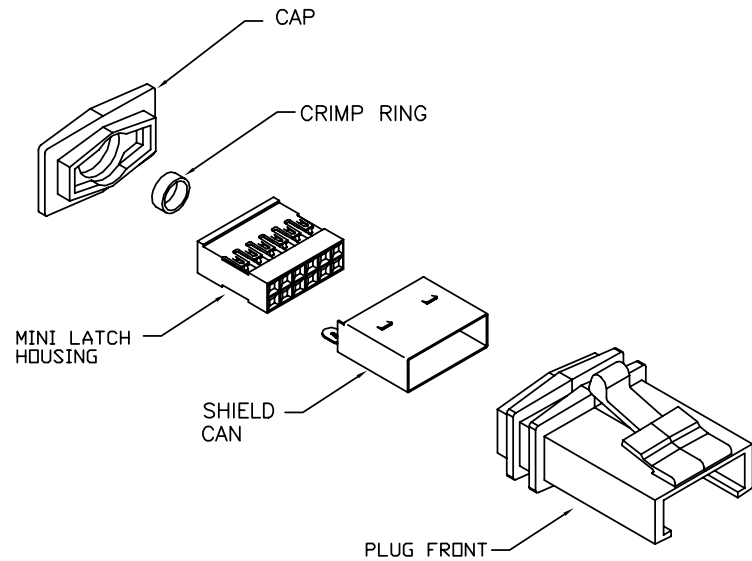
2

3

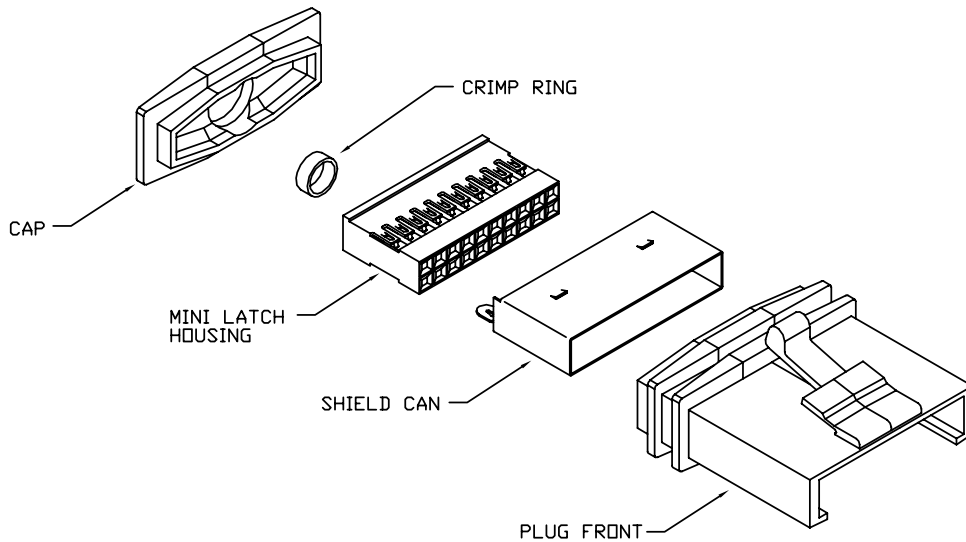
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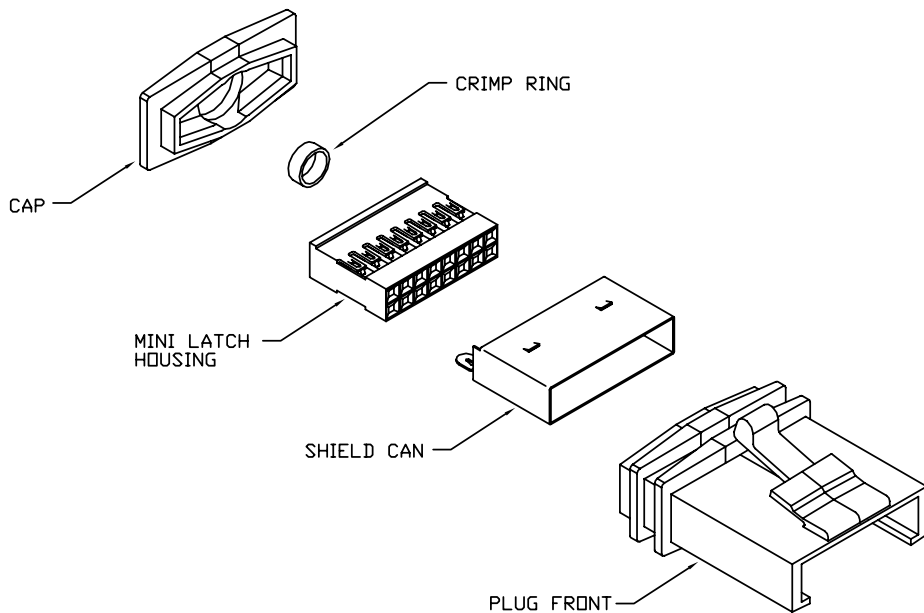
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THE DIAGRAM FOR 91487



THE DIAGRAM FOR 91489



THE DIAGRAM FOR 91488

|                                                                                       |          |         |                                       |  |        |                                   |  |                                                                                                     |              |                                                                                                  |              |  |
|---------------------------------------------------------------------------------------|----------|---------|---------------------------------------|--|--------|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------|--------------|--|
| www.fciconnect.com                                                                    |          |         | surface<br>ISO 1302                   |  | ✓      | tolerance std<br>ISO 406/ISO 1101 |  | projection<br> |              | INCH/MM<br> |              |  |
|                                                                                       |          |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |        |                                   |  |                                                                                                     |              |                                                                                                  |              |  |
| Dr                                                                                    | D.INGRAM | 5/13/96 | ANGULAR                               |  | LINEAR | 0.XX/0.X                          |  | ±0.01/0.3                                                                                           |              | size<br>A4                                                                                       | Scale<br>1:1 |  |
| Eng                                                                                   | M.SMYK   | 5/13/96 |                                       |  |        | 0.XXX/0.XX                        |  | ±0.005/0.13                                                                                         |              |                                                                                                  |              |  |
| Chr                                                                                   | M.SMYK   | 5/13/96 | 0°                                    |  | ±2°    | 0.XXXX/0.XXX                      |  | ±0.0020/0.051                                                                                       |              | ECN                                                                                              | N10-0425     |  |
| Appr                                                                                  | M.SMYK   | 5/13/96 | Product family LATCH-N-LOK            |  |        |                                   |  |                                                                                                     | Spec ref     |                                                                                                  |              |  |
|  |          |         | title LATCH-N-LOK<br>CONNECTOR KIT    |  |        |                                   |  |                                                                                                     | dwg no 91481 |                                                                                                  | Rev S        |  |
|                                                                                       |          |         |                                       |  |        |                                   |  |                                                                                                     |              |                                                                                                  |              |  |
| catalog no                                                                            |          |         |                                       |  |        | CUSTOMER COPY                     |  |                                                                                                     |              | sheet 5 of 5                                                                                     |              |  |