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| LOC |     | DIST                     |  | REVISIONS |     |      |  |
|-----|-----|--------------------------|--|-----------|-----|------|--|
| P   | LTR | DESCRIPTION              |  | DATE      | DWN | APVD |  |
|     | F   | UPDATE PER ECO-11-013272 |  | 28 JUN 11 | CAS | MKS  |  |

1 CONNECTOR BODY, COUPLING SLEEVE & BACKSHELL MATERIAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E  
 LOCKING RING MATERIAL: BERYLLIUM COPPER, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E  
 INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138 OR POLYPHENYLENE SULFIDE (PPS) PER ASTM D4067  
 O-RING MATERIAL: FLUOROSILICONE

2 WIRE TERMINATION: 28 AWG SOLID, 30 AWG STRANDED WIRE OR SMALLER

3 BONDING RESISTANCE BETWEEN CONNECTOR BODY AND BACKSHELL TO BE 25 MILLIOHMS MAXIMUM. BACKSHELL TO BE BONDED TO PLUG SHELL WITH CONDUCTIVE EPOXY.

4 LUBRICATE O-RING WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION

5 THIS DRAWING ALSO IDENTIFIED AS NANONICS 303-0087

|  |  |  |  |                    |
|--|--|--|--|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>C. SCHOLL<br>11 JUN 01  |  |                    |
|  |  | CHK<br>M. STORRY<br>13 JUN 01  |  |                    |
| DIMENSIONS:<br>INCHES                  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:   | NAME   |                    |
|  |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± .010<br>3 PLC ± .005<br>4 PLC ± -<br>ANGLES ± 1° | PLUG ASSEMBLY,<br>CIRCULAR, QUICK DISCONNECT,<br>STRAIGHT BACKSHELL, METAL, 7 POSITION |                    |
| MATERIAL<br>SEE NOTES                  |  | FINISH<br>SEE NOTES  | SIZE<br>A2   | CAGE CODE<br>0PJN9 |
|  |  | WEIGHT<br>-  | DRAWING NO<br>C=1589691  | RESTRICTED TO<br>- |
|  |  | CUSTOMER DRAWING   | SCALE<br>6:1   | SHEET<br>1 of 1    |
|  |  |  | REV<br>F   |                    |

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