

QPL-22992-39  
20 November 1997  
SUPERSEDING  
QPL-22992-38  
2 June 1997



|                |          |                           |          |          |
|----------------|----------|---------------------------|----------|----------|
| <u>MS17340</u> | <u>N</u> | <u>12</u>                 | <u>A</u> | <u>1</u> |
|                |          |                           |          |          |
| MS NUMBER      | FINISH   | ADAPTER<br>SIZE<br>NUMBER | TYPE     | STYLE    |

|                |          |            |          |                    |          |                    |
|----------------|----------|------------|----------|--------------------|----------|--------------------|
| <u>MS17343</u> | <u>C</u> | <u>20</u>  | <u>C</u> | <u>8</u>           | <u>P</u> | <u>W</u>           |
|                |          |            |          |                    |          |                    |
| MS NUMBER      | CLASS    | SHELL SIZE | FINISH   | INSERT ARRANGEMENT | STYLE    | ALTERNATE POSITION |

1 of 7  
OPL-22992-39

FSC 5935

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| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------|---------------------------------------|-----------------------------------------------|
|---------------------------|-------------------------------|---------------------------------------|-----------------------------------------------|

MSL7343 QWLD-00 L2-4418 Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE  
12 14 16 18 20 22 24 28 32 36 40 44  
INSERT ARRANGEMENT NUMBER  
5 3 2 1 2 2 2 1 1 3 1 52  
7 4 4 5 6 2 2 5 9  
9 5 7 7 7 3 3 6 56  
10 6 8 9 10 4 6 7  
11 7 9 10 11 5 7 8  
12 8 14 11 12 8 9 9  
13 9 15 12 16 9 13 10  
11 16 14 20 10 15 15  
13 17 15 21 11 17 52  
14 18 17 22 12 73  
15 21 18 27 15  
16 22 19 28 17  
24 21 18  
27 22 19  
29 23 20  
33 27 21  
36 22

MSL7343 WLDO 22992-1101-83 ITT Cannon

CLASS: R FINISH: C, N STYLE: P, S

SHELL SIZE  
18 32  
INSERT ARRANGEMENT NUMBER  
1 1  
4 6  
5 7  
7 9  
8 15  
9 17  
11  
13  
15

MSL7344 QWLD-06 L2-4418 Amphenol Aerospace - Connector Operations (1, 2)

CLASS: C, R FINISH: C, N STYLE: P, S

SHELL SIZE  
12 14 16 18 20 22 24 28 32 36 40 44  
INSERT ARRANGEMENT NUMBER  
5 3 2 1 2 2 2 1 1 3 1 52  
7 4 4 5 6 2 2 5 9  
9 5 7 7 7 3 3 6 56  
10 6 8 9 10 4 6 7  
11 7 9 10 11 5 7 8  
12 8 14 11 12 8 9 9  
13 9 15 12 16 9 13 10  
11 16 14 20 10 15 15  
13 17 15 21 11 17 52  
14 18 17 22 12 73  
15 21 18 27 15  
16 22 19 28 17  
24 21 18  
27 22 19  
29 23 20  
33 27 21  
36 22

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------|---------------------------------------|-----------------------------------------------|
| MS17344                   | WLD6                          | 22992-1101-83                         | ITT Cannon                                    |
| CLASS: R                  | FINISH: C, N                  | STYLE: P, S                           |                                               |
| SHELL SIZE                |                               |                                       |                                               |
| 18                        | 32                            |                                       |                                               |
| INSERT                    | ARRANGEMENT                   | NUMBER                                |                                               |
| 1                         | 1                             |                                       |                                               |
| 4                         | 6                             |                                       |                                               |
| 5                         | 7                             |                                       |                                               |
| 7                         | 9                             |                                       |                                               |
| 8                         | 15                            |                                       |                                               |
| 9                         | 17                            |                                       |                                               |
| 11                        |                               |                                       |                                               |
| 13                        |                               |                                       |                                               |
| 15                        |                               |                                       |                                               |

|                           |              |             |                                                  |
|---------------------------|--------------|-------------|--------------------------------------------------|
| MS17345                   | QWLD-01      | 12-4418     | Amphenol Aerospace - Connector Operations (1, 2) |
| CLASS: C, R               | FINISH: C, N | STYLE: P, S |                                                  |
| SHELL SIZE                |              |             |                                                  |
| 12                        | 14           | 16          | 18 20 22 24 28 32 36 40 44                       |
| INSERT ARRANGEMENT NUMBER |              |             |                                                  |
| 5                         | 3            | 2           | 1 2 2 2 1 1 3 1 52                               |
|                           |              | 7           | 4 4 5 6 2 2 5 9                                  |
|                           |              | 9           | 5 7 7 7 3 3 6 56                                 |
|                           |              | 10          | 6 8 9 10 4 6 7                                   |
|                           |              | 11          | 7 9 10 11 5 7 8                                  |
|                           |              | 12          | 8 14 11 12 8 9 9                                 |
|                           |              | 13          | 9 15 12 16 9 13 10                               |
|                           |              |             | 11 16 14 20 10 15 15                             |
|                           |              |             | 13 17 15 21 11 17 52                             |
|                           |              |             | 14 18 17 22 12 73                                |
|                           |              |             | 15 21 18 27 15                                   |
|                           |              |             | 16 22 19 28 17                                   |
|                           |              |             | 24 21 18                                         |
|                           |              |             | 27 22 19                                         |
|                           |              |             | 29 23 20                                         |
|                           |              |             | 33 27 21                                         |
|                           |              |             | 36 22                                            |

|                           |              |             |                                                  |
|---------------------------|--------------|-------------|--------------------------------------------------|
| MS17346                   | QWLD-02      | 12-4418     | Amphenol Aerospace - Connector Operations (1, 2) |
| CLASS: C, R               | FINISH: C, N | STYLE: P, S |                                                  |
| SHELL SIZE                |              |             |                                                  |
| 12                        | 14           | 16          | 18 20 22 24 28 32 36 40 44                       |
| INSERT ARRANGEMENT NUMBER |              |             |                                                  |
| 5                         | 3            | 2           | 1 2 2 2 1 1 3 1 52                               |
|                           |              | 7           | 4 4 5 6 2 2 5 9                                  |
|                           |              | 9           | 5 7 7 7 3 3 6 56                                 |
|                           |              | 10          | 6 8 9 10 4 6 7                                   |
|                           |              | 11          | 7 9 10 11 5 7 8                                  |
|                           |              | 12          | 8 14 11 12 8 9 9                                 |
|                           |              | 13          | 9 15 12 16 9 13 10                               |
|                           |              |             | 11 16 14 20 10 15 15                             |
|                           |              |             | 13 17 15 21 11 17 52                             |
|                           |              |             | 14 18 17 22 12 73                                |
|                           |              |             | 15 21 18 27 15                                   |
|                           |              |             | 16 22 19 28 17                                   |
|                           |              |             | 24 21 18                                         |
|                           |              |             | 27 22 19                                         |
|                           |              |             | 29 23 20                                         |
|                           |              |             | 33 27 21                                         |
|                           |              |             | 36 22                                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------|---------------------------------------|-----------------------------------------------|
| MS17346                   | WLD2                          | 22992-1101-83                         | ITT Cannon                                    |
| CLASS: R                  | FINISH: C, N                  | STYLE: P, S                           |                                               |
| SHELL SIZE                |                               |                                       |                                               |
| 18                        | 32                            |                                       |                                               |
| INSERT                    | ARRANGEMENT                   | NUMBER                                |                                               |
| 1                         | 1                             |                                       |                                               |
| 4                         | 6                             |                                       |                                               |
| 5                         | 7                             |                                       |                                               |
| 7                         | 9                             |                                       |                                               |
| 8                         | 15                            |                                       |                                               |
| 9                         | 17                            |                                       |                                               |
| 11                        |                               |                                       |                                               |
| 13                        |                               |                                       |                                               |
| 15                        |                               |                                       |                                               |

|                           |              |             |                                                  |
|---------------------------|--------------|-------------|--------------------------------------------------|
| MS17347                   | QWLD-03      | 12-4418     | Amphenol Aerospace - Connector Operations (1, 2) |
| CLASS: C, R               | FINISH: C, N | STYLE: P, S |                                                  |
| SHELL SIZE                |              |             |                                                  |
| 12                        | 14           | 16          | 18 20 22 24 28 32 36 40 44                       |
| INSERT ARRANGEMENT NUMBER |              |             |                                                  |
| 5                         | 3            | 2           | 1 2 2 2 1 1 3 1 52                               |
|                           |              | 7           | 4 4 5 6 2 2 5 9                                  |
|                           |              | 9           | 5 7 7 7 3 3 6 56                                 |
|                           |              | 10          | 6 8 9 10 4 6 7                                   |
|                           |              | 11          | 7 9 10 11 5 7 8                                  |
|                           |              | 12          | 8 14 11 12 8 9 9                                 |
|                           |              | 13          | 9 15 12 16 9 13 10                               |
|                           |              |             | 11 16 14 20 10 15 15                             |
|                           |              |             | 13 17 15 21 11 17 52                             |
|                           |              |             | 14 18 17 22 12 73                                |
|                           |              |             | 15 21 18 27 15                                   |
|                           |              |             | 16 22 19 28 17                                   |
|                           |              |             | 24 21 18                                         |
|                           |              |             | 27 22 19                                         |
|                           |              |             | 29 23 20                                         |
|                           |              |             | 33 27 21                                         |
|                           |              |             | 36 22                                            |

|                           |              |             |                                                  |
|---------------------------|--------------|-------------|--------------------------------------------------|
| MS17348                   | QWLD-09      | 12-4418     | Amphenol Aerospace - Connector Operations (1, 2) |
| CLASS: C, R               | FINISH: C, N | STYLE: P, S |                                                  |
| SHELL SIZE                |              |             |                                                  |
| 12                        | 14           | 16          | 18 20 22 24 28 32 36 40 44                       |
| INSERT ARRANGEMENT NUMBER |              |             |                                                  |
| 5                         | 3            | 2           | 1 2 2 2 1 1 3 1 52                               |
|                           |              | 7           | 4 4 5 6 2 2 5 9                                  |
|                           |              | 9           | 5 7 7 7 3 3 6 56                                 |
|                           |              | 10          | 6 8 9 10 4 6 7                                   |
|                           |              | 11          | 7 9 10 11 5 7 8                                  |
|                           |              | 12          | 8 14 11 12 8 9 9                                 |
|                           |              | 13          | 9 15 12 16 9 13 10                               |
|                           |              |             | 11 16 14 20 10 15 15                             |
|                           |              |             | 13 17 15 21 11 17 52                             |
|                           |              |             | 14 18 17 22 12 73                                |
|                           |              |             | 15 21 18 27 15                                   |
|                           |              |             | 16 22 19 28 17                                   |
|                           |              |             | 24 21 18                                         |
|                           |              |             | 27 22 19                                         |
|                           |              |             | 29 23 20                                         |
|                           |              |             | 33 27 21                                         |
|                           |              |             | 36 22                                            |

| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION | TEST OR<br>QUALIFICATION<br>REFERENCE | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|-------------------------------|---------------------------------------|-----------------------------------------------|
| MS17348                   | WLD7                          | 22992-1101-83                         | ITT Cannon                                    |
| CLASS: R                  | FINISH: C, N                  | STYLE: P, S                           |                                               |
|                           | SHELL SIZE                    |                                       |                                               |
|                           | 18 32                         |                                       |                                               |
| INSERT                    | ARRANGEMENT NUMBER            |                                       |                                               |
|                           | 1 1                           |                                       |                                               |
|                           | 4 6                           |                                       |                                               |
|                           | 5 7                           |                                       |                                               |
|                           | 7 9                           |                                       |                                               |
|                           | 8 15                          |                                       |                                               |
|                           | 9 17                          |                                       |                                               |
|                           | 11                            |                                       |                                               |
|                           | 13                            |                                       |                                               |
|                           | 15                            |                                       |                                               |

AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE COVER OR RECEPTACLE IS SHOWN BELOW:

|                |                                 |               |                                               |
|----------------|---------------------------------|---------------|-----------------------------------------------|
| <u>MS17349</u> | <u>C</u>                        | <u>12</u>     | <u>A</u>                                      |
|                |                                 |               |                                               |
| MS NUMBER      | FINISH                          | SHELL SIZE    | TYPE (MS17349 only)                           |
| MS17349        | QWLD COVER, RECEPTACLE          | 12-4418       | Amphenol Aerospace - Connector Operations (1) |
| FINISH: C, N   | SHELL SIZE: 12 thru 40          | TYPE: A, B    |                                               |
| MS17349        | GS17349                         | 85049-026-96  | Glenair, Inc.                                 |
| FINISH: C, N   | SHELL SIZE: 12 thru 40          | TYPE: A, B    |                                               |
| MS17350        | QWLD COVER, PLUG                | 12-4418       | Amphenol Aerospace - Connector Operations (1) |
| FINISH: C, N   | SHELL SIZE: 12 thru 40          |               |                                               |
| MS17350        | GS17350                         | 85049-026-96  | Glenair, Inc.                                 |
| FINISH: C, N   | SHELL SIZE: 12 thru 40          |               |                                               |
| MS18062        | QWLD, RECEPTACLE, DUMMY STOWAGE | 12-4418       | Amphenol Aerospace - Connector Operations (1) |
| FINISH: C, N   | SHELL SIZE: 12 thru 40          |               |                                               |
| MS90555        | 10-4734 ( )                     | 22992-165-73  | Amphenol Aerospace - Connector Operations (1) |
| FINISH: C, N   | STYLE: S                        | 22992-166-73  |                                               |
|                | SHELL SIZE                      | 22992-167-73  |                                               |
|                | 28 32 44 52                     | 22992-168-73  |                                               |
| INSERT         | ARRANGEMENT NUMBER              | 22992-1078-73 |                                               |
|                | 12 04 03 12                     | 22992-804-75  |                                               |
|                | 13 05 12 13                     | 22992-909-75  |                                               |
|                | 12 13                           | 22992-716-76  |                                               |
|                | 13 50                           | 22992-938-76  |                                               |
| MS90556        | 10-4734 ( )                     | 22992-165-73  | Amphenol Aerospace - Connector Operations (1) |
| FINISH: C, N   | STYLE: P                        | 22992-166-73  |                                               |
|                | SHELL SIZE                      | 22992-167-73  |                                               |
|                | 28 32 44 52                     | 22992-168-73  |                                               |
| INSERT         | ARRANGEMENT NUMBER              | 22992-1078-73 |                                               |
|                | 12 04 03 12                     | 22992-804-75  |                                               |
|                | 13 05 12 13                     | 22992-909-75  |                                               |
|                | 12 13                           | 22992-716-76  |                                               |
|                | 13 51                           | 22992-938-76  |                                               |
|                | 52                              |               |                                               |
|                | 56                              |               |                                               |

| GOVERNMENT<br>DESIGNATION                                                                                                                                               | MANUFACTURER'S<br>DESIGNATION                                                     | TEST OR<br>QUALIFICATION<br>REFERENCE                                                                                                         | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| MS90557<br>FINISH: C, N<br>STYLE: S<br>SHELL SIZE<br>28 32 44 52<br>INSERT ARRANGEMENT NUMBER<br>12 04 03 12<br>13 05 12 13<br>12 13 22992-716-76<br>13 51 22992-938-76 | 10-4734 ( )                                                                       | 22992-165-73<br>22992-166-73<br>22992-167-73<br>22992-168-73<br>22992-1078-73<br>22992-804-75<br>22992-909-75                                 | Amphenol Aerospace - Connector Operations (1) |
| MS90558<br>FINISH: C, N<br>STYLE: P<br>SHELL SIZE<br>28 32 44 52<br>INSERT ARRANGEMENT NUMBER<br>12 04 03 12<br>13 05 12 13<br>12 13<br>13 50                           | 10-4734 ( )                                                                       | 22992-165-73<br>22992-166-73<br>22992-167-73<br>22992-168-73<br>22992-1078-73<br>22992-804-75<br>22992-909-75<br>22992-716-76<br>22992-938-76 | Amphenol Aerospace - Connector Operations (1) |
| MS90562-1<br>MS90562-3<br>MS90562-5<br>MS90562-6                                                                                                                        | 11-9951-43<br>11-9951-3<br>294-551-01<br>294-551-02                               | 22992-1078-73<br>22992-804-75<br>22992-123-74<br>22992-123-74                                                                                 | Amphenol Aerospace - Connector Operations (1) |
| MS90562-5<br>MS90562-6                                                                                                                                                  | 274-8013-000<br>274-8014-000                                                      | 22992-211-75                                                                                                                                  | ITT Cannon                                    |
| MS90563-1C<br>MS90563-3C<br>MS90563-4C<br>MS90563-7C<br>MS90563-11C                                                                                                     | 229-134-28000<br>10-473432-329<br>10-473432-339<br>10-473432-449<br>10-473432-529 | 22992-909-75<br>22992-165-73<br>22992-167-73<br>22992-804-75<br>22992-1078-72                                                                 | Amphenol Aerospace - Connector Operations (1) |
| MS90563-7N                                                                                                                                                              | 229-142-44100                                                                     | 22992-716-76                                                                                                                                  | Amphenol Aerospace - Connector Operations (1) |
| MS90564-1C<br>MS90564-3C<br>MS90564-4C<br>MS90564-7C<br>MS90564-11C                                                                                                     | 229-135-28000<br>10-473431-329<br>10-473431-339<br>10-473431-449<br>10-473431-529 | 22992-909-75<br>22992-168-73<br>22992-166-73<br>22992-804-73<br>22992-1078-73                                                                 | Amphenol Aerospace - Connector Operations (1) |
| MS90564-7N                                                                                                                                                              | 229-141-44100                                                                     | 22992-716-76                                                                                                                                  | Amphenol Aerospace - Connector Operations (1) |

ADAPTERS ARE QUALIFIED TO ANY COMBINATION OF FINISH, ADAPTER SIZE, AND TYPE SHOWN. AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE ADAPTER IS SHOWN BELOW:

|                |          |                 |          |
|----------------|----------|-----------------|----------|
| <u>MS90569</u> | <u>C</u> | <u>1</u>        | <u>A</u> |
|                |          |                 |          |
| MS NUMBER      | FINISH   | ADAPTER<br>SIZE | TYPE     |

|                                                                                                                                                                                                                             |                             |         |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|-----------------------------------------------|
| MS90569<br>FINISH: C, N<br>STYLE: A, B<br>SHELL SIZE<br>12 14 16 18 20 22 24 28 32 36 40 44<br>ADAPTER SIZE NUMBER<br>1 4 8 9 13 15 19 22 25 30<br>2 5 10 14 16 20 23 26 31<br>3 6 11 17 21 24 27 32<br>7 12 18 28 33<br>29 | QWLD ADAPTER (STEP UP) GRIP | 12-4418 | Amphenol Aerospace - Connector Operations (1) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|-----------------------------------------------|

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                                          | CAGE<br>CODE |                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amphenol Corp.<br>Bendix Connector Operations<br>40-60 Delaware Avenue<br>Sidney, NY 13838-1395<br>Plants: 1. Same Address<br>2. Products de Memoria S.A. de C.V.<br>Carretera International<br>Terrazas del cid Km 7.5<br>Nogales, Sonora, Mexico | 77820        | ASSEMBLY PLANTS FOR<br><u>BENDIX CONNECTOR OPERATIONS</u> :<br><br>Amphenol East Asia, Ltd.<br>Chungli Industrial Park<br>Taoyuan, Taiwan, R.O.C.<br>(Class R Only)<br><br>Capstone Electronics<br>9801 Legler Road<br>Lenexa, KS 66219 |
| Glenair, Inc.<br>1211 Air Way<br>Glendale, CA 91201-2497<br>Plant: Same Address                                                                                                                                                                    | 06324        | Hamilton/Hall-Mark<br>11333 Pagemill Road<br>Dallas, TX 75266                                                                                                                                                                           |
| ITT Cannon<br>666 East Dyer Road<br>Santa Ana, CA 92702-0929<br>Plants: 1. Same Address<br>2. ITT Cannon<br>Prolongacion<br>Avenida Obregon #3673<br>Nogales, Sonora, Mexico                                                                       | 71468        | Hamilton/Hall-Mark<br>2111 West Walnut Hill Lane<br>Irving, TX 75062<br><br>Powell Electronics, Inc.<br>South Island Road<br>P.O. Box 8765<br>Philadelphia, PA 19101                                                                    |