

QUALIFIED PRODUCTS LIST  
 OF  
 PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION  
 MIL-C-22992  
 CONNECTOR, PLUGS AND RECEPTACLES, ELECTRIC/  
 WATERPROOF, QUICK DISCONNECT, HEAVY DUTY TYPE  
 GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-C-22992. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

The activity responsible for this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43216-5000.

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



MS17340

N

12

A

1

MS NUMBER

FINISH

ADAPTER  
SIZE  
NUMBER

TYPE

STYLE

CONNECTORS ARE QUALIFIED TO ANY COMBINATION OF CLASS, FINISH AND STYLE SHOWN. THE INSERT ARRANGEMENT NUMBER APPLIES TO EACH SHELL SIZE IS SHOWN BESIDE THE SHELL SIZE. AN EXAMPLE OF THE GOVERNMENT DESIGNATION WHICH IDENTIFIES THE CONNECTOR IS SHOWN BELOW:

MS17349

C

20

C

8

P

W

MS NUMBER

CLASS

SHELL  
SIZE

FINISH

INSERT  
ARRANGEMENT

STYLE

ALTERNATE  
POSITION

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

MS17343

C

20

A

MS NUMBER

FINISH

SHELL  
SIZE

TYPE (MS17349 ONLY)

Supplier: Amphenol Aerospace/Amphenol Corp.

Government Designation: MS17342

Manufacturer's Designation: QWLD ADAPTER (STEP UP)

Finish: C, N

Style: 1

Type: A, B

Shell: 12 Adapter: 1, 2, 3

Shell: 14 Adapter: 4, 5, 6, 7

Shell: 16

Shell: 18 Adapter: 8

Shell: 20 Adapter: 9, 10, 11, 12

Shell: 22 Adapter: 13, 14

Shell: 24 Adapter: 15, 16, 17, 18

Shell: 28 Adapter: 19, 20, 21

Shell: 32 Adapter: 22, 23, 24, 25

Shell: 36 Adapter: 26, 27, 28, 29, 30

Shell: 40 Adapter: 31, 32, 33, 34

Test or Qualification Reference: 12-4418

**Supplier: Amphenol Aerospace/Amphenol Corp.  
Amphenol Corp. (Mexico)**

Government Designation: MS17343  
Manufacturer's Designation: QWLD-00  
Class: C, R  
Finish: C, N  
Style: P, S  
Shell: 12 Insert: 5  
Shell: 14 Insert: 3  
Shell: 16 Insert: 2, 7, 9, 10, 11, 12, 13  
Shell: 18 Insert: 1, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16  
Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33  
Shell: 22 Insert: 2, 5, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 27, 36  
Shell: 24 Insert: 2, 6, 7, 10, 11, 12, 16, 20, 21, 22, 27, 28  
Shell: 28 Insert: 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 17, 18, 19, 20, 21, 22  
Shell: 32 Insert: 1, 2, 3, 6, 7, 9, 13, 15, 17, 73  
Shell: 36 Insert: 3, 5, 6, 7, 8, 9, 10, 15, 52  
Shell: 40 Insert: 1, 9, 56  
Shell: 44 Insert: 52  
Test or Qualification Reference: 12-4418

**Supplier: Amphenol Aerospace/Amphenol Corp.  
Amphenol Corp. (Mexico)**

Government Designation: MS17344  
Manufacturer's Designation: QWLD-06  
Class: C, R  
Finish: C, N  
Style: P, S  
Shell: 12 Insert: 5  
Shell: 14 Insert: 3  
Shell: 16 Insert: 2, 7, 9, 10, 11, 12, 13  
Shell: 18 Insert: 1, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16  
Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33  
Shell: 22 Insert: 2, 5, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 27, 36  
Shell: 24 Insert: 2, 6, 7, 10, 11, 12, 16, 20, 21, 22, 27, 28  
Shell: 28 Insert: 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 17, 18, 19, 20, 21, 22  
Shell: 32 Insert: 1, 2, 3, 6, 7, 9, 13, 15, 17, 73  
Shell: 36 Insert: 3, 5, 6, 7, 8, 9, 10, 15, 52  
Shell: 40 Insert: 1, 9, 56  
Shell: 44 Insert: 52  
Test or Qualification Reference: 12-4418

**Supplier: Amphenol Aerospace/Amphenol Corp.  
Amphenol Corp. (Mexico)**

Government Designation: MS17345  
Manufacturer's Designation: QWLD-01  
Class: C, R  
Finish: C, N  
Style: P, S  
Shell: 12 Insert: 5  
Shell: 14 Insert: 3  
Shell: 16 Insert: 2, 7, 9, 10, 11, 12, 13  
Shell: 18 Insert: 1, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16  
Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33  
Shell: 22 Insert: 2, 5, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 27, 36  
Shell: 24 Insert: 2, 6, 7, 10, 11, 12, 16, 20, 21, 22, 27, 28  
Shell: 28 Insert: 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 17, 18, 19, 20, 21, 22  
Shell: 32 Insert: 1, 2, 3, 6, 7, 9, 13, 15, 17, 73  
Shell: 36 Insert: 3, 5, 6, 7, 8, 9, 10, 15, 52  
Shell: 40 Insert: 1, 9, 56  
Shell: 44 Insert: 52  
Test or Qualification Reference: 12-4418

**Supplier: ITT Cannon**

Government Designation: MS17343  
Manufacturer's Designation: WLDO  
Class: R  
Finish: C, N  
Style: P, S  
Shell: 18 Insert: 1, 4, 5, 7, 8, 9, 11, 13, 15  
Shell: 32 Insert: 1, 6, 7, 9, 15, 17  
Test or Qualification Reference: 22992-1101-83

**Supplier: ITT Cannon**

Government Designation: MS17344  
Manufacturer's Designation: WLD6  
Class: R  
Finish: C, N  
Style: P, S  
Shell: 18 Insert: 1, 4, 5, 7, 8, 9, 11, 13, 15  
Shell: 32 Insert: 1, 6, 7, 9, 15, 17  
Test or Qualification Reference: 22992-1101-83

**Supplier: Amphenol Aerospace/Amphenol Corp.  
Amphenol Corp. (Mexico)**

Government Designation: MS17346  
Manufacturer's Designation: QWLD-02  
Class: C, R  
Finish: C, N  
Style: P, S  
Shell: 12 Insert: 5  
Shell: 14 Insert: 3  
Shell: 16 Insert: 2, 7, 9, 10, 11, 12, 13  
Shell: 18 Insert: 1, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16  
Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33  
Shell: 22 Insert: 2, 5, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 27, 36  
Shell: 24 Insert: 2, 6, 7, 10, 11, 12, 16, 20, 21, 22, 27, 28  
Shell: 28 Insert: 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 17, 18, 19, 20, 21, 22  
Shell: 32 Insert: 1, 2, 3, 6, 7, 9, 13, 15, 17, 73  
Shell: 36 Insert: 3, 5, 6, 7, 8, 9, 10, 15, 52  
Shell: 40 Insert: 1, 9, 56  
Shell: 44 Insert: 52  
Test or Qualification Reference: 12-4418

**Supplier: ITT Cannon**

Government Designation: MS17346

Manufacturer's Designation: WLD2

Class: R

Finish: C, N

Style: P, S

Shell: 18 Insert: 1, 4, 5, 7, 8, 9, 11, 13, 15

Shell: 32 Insert: 1, 6, 7, 9, 15, 17

Test or Qualification Reference: 22992-1101-83

**Supplier: Amphenol Aerospace/Amphenol Corp.  
Amphenol Corp. (Mexico)**

Government Designation: MS17347

Manufacturer's Designation: QWLD-03

Class: C, R

Finish: C, N

Style: P, S

Shell: 12 Insert: 5

Shell: 14 Insert: 3

Shell: 16 Insert: 2, 7, 9, 10, 11, 12, 13

Shell: 18 Insert: 1, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16

Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33

Shell: 22 Insert: 2, 5, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 27, 36

Shell: 24 Insert: 2, 6, 7, 10, 11, 12, 16, 20, 21, 22, 27, 28

Shell: 28 Insert: 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 17, 18, 19, 20, 21, 22

Shell: 32 Insert: 1, 2, 3, 6, 7, 9, 13, 15, 17, 73

Shell: 36 Insert: 3, 5, 6, 7, 8, 9, 10, 15, 52

Shell: 40 Insert: 1, 9, 56

Shell: 44 Insert: 52

Test or Qualification Reference: 12-4418

**Supplier: Amphenol Aerospace/Amphenol Corp.  
Amphenol Corp. (Mexico)**

Government Designation: MS17348

Manufacturer's Designation: QWLD-09

Class: C, R

Finish: C, N

Style: P, S

Shell: 12 Insert: 5

Shell: 14 Insert: 3

Shell: 16 Insert: 2, 7, 9, 10, 11, 12, 13

Shell: 18 Insert: 1, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16

Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33

Shell: 22 Insert: 2, 5, 7, 9, 10, 11, 12, 14, 15, 17, 18, 19, 21, 22, 23, 27, 36

Shell: 24 Insert: 2, 6, 7, 10, 11, 12, 16, 20, 21, 22, 27, 28

Shell: 28 Insert: 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 17, 18, 19, 20, 21, 22

Shell: 32 Insert: 1, 2, 3, 6, 7, 9, 13, 15, 17, 73

Shell: 36 Insert: 3, 5, 6, 7, 8, 9, 10, 15, 52

Shell: 40 Insert: 1, 9, 56

Shell: 44 Insert: 52

Test or Qualification Reference: 12-4418

**Supplier: ITT Cannon**

Government Designation: MS17348

Manufacturer's Designation: WLD7

Class: R

Finish: C, N

Style: P, S

Shell: 18 Insert: 1, 4, 5, 7, 8, 9, 11, 13, 15

Shell: 32 Insert: 1, 6, 7, 9, 15, 17

Test or Qualification Reference: 22992-1101-83

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS17349

Manufacturer's Designation: QWLD COVER, RECEPTACLE

Finish: C, N

Type: A, B

Shell: 20

Shell: 22

Shell: 24

Shell: 28

Shell: 32

Shell: 36

Shell: 40

Shell: 44

Shell: 12

Shell: 14

Shell: 16

Shell: 18

Test or Qualification Reference: 12-4418

**Supplier: Glenair, Inc.**

Government Designation: MS17349

Manufacturer's Designation: GS17349

Finish: C, N

Type: A, B

Shell: 12

Shell: 14

Shell: 16

Shell: 18

Shell: 20

Shell: 22

Shell: 24

Shell: 28

Shell: 32

Shell: 36

Shell: 40

Shell: 44

Test or Qualification Reference: 85049-026-96

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS17350

Manufacturer's Designation: QWLD COVER, PLUG

Finish: C, N

Shell: 12

Shell: 14

Shell: 16

Shell: 18

Shell: 20

Shell: 22

Shell: 24

Shell: 28

Shell: 32

Shell: 36

Shell: 40

Shell: 44

Test or Qualification Reference: 12-4418

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS18062

Manufacturer's Designation: QWLD, RECEPTACLE, DUMMY STOWAGE

Finish: C, N

Shell: 12

Shell: 14

Shell: 16

Shell: 18

Shell: 20

Shell: 22

Shell: 24

Shell: 28

Shell: 32

Shell: 36

Shell: 40

Shell: 44

Test or Qualification Reference: 12-4418

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90556

Manufacturer's Designation: 10-4734 ( )

Finish: C, N

Style: P

Shell: 28 Insert: 12, 13

Shell: 32 Insert: 4, 5, 12, 13

Shell: 44 Insert: 3, 12, 13, 51, 52, 56

Shell: 52 Insert: 12, 13

Test or Qualification Reference: 22992-165-73, 22992-166-73, 22992-167-73, 22992-168-73, 22992-1078-73, 22992-804-75, 22992-909-75, 22992-716-76, 22992-938-76

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90558

Manufacturer's Designation: 10-4734 ( )

Finish: C, N

Style: P

Shell: 28 Insert: 12, 13

Shell: 32 Insert: 4, 5, 12, 13

Shell: 44 Insert: 3, 12, 13, 50

Shell: 52 Insert: 12, 13

Test or Qualification Reference: 22992-165-73, 22992-166-73, 22992-167-73, 22992-168-73, 22992-1078-73, 22992-804-75, 22992-909-75, 22992-716-76, 22992-938-76

**Supplier: Glenair, Inc.**

Government Designation: MS17350

Manufacturer's Designation: GS17350

Finish: C, N

Shell: 12

Shell: 14

Shell: 16

Shell: 18

Shell: 20

Shell: 22

Shell: 24

Shell: 28

Shell: 32

Shell: 36

Shell: 40

Shell: 44

Test or Qualification Reference: 85049-026-96

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90555

Manufacturer's Designation: 10-4734 ( )

Finish: C, N

Style: S

Shell: 28 Insert: 12, 13

Shell: 32 Insert: 4, 5, 12, 13

Shell: 44 Insert: 3, 12, 13, 50

Shell: 52 Insert: 12, 13

Test or Qualification Reference: 22992-165-73, 22992-166-73, 22992-167-73, 22992-168-73, 22992-1078-73, 22992-804-75, 22992-909-75, 22992-716-76, 22992-938-76

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90557

Manufacturer's Designation: 10-4734 ( )

Finish: C, N

Style: S

Shell: 28 Insert: 12, 13

Shell: 32 Insert: 4, 5, 12, 13

Shell: 44 Insert: 3, 12, 13, 51

Shell: 52 Insert: 12, 13

Test or Qualification Reference: 22992-165-73, 22992-166-73, 22992-167-73, 22992-168-73, 22992-1078-73, 22992-804-75, 22992-909-75, 22992-716-76, 22992-938-76

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90562-1

Manufacturer's Designation: 11-9951-43

Test or Qualification Reference: 22992-1078-73, 22992-804-75, 22992-123-74

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90562-3

Manufacturer's Designation: 11-9951-3

Test or Qualification Reference: 22992-1078-73, 22992-804-75, 22992-123-74

**Supplier: ITT Cannon**

Government Designation: MS90562-5

Manufacturer's Designation: 274-8013-000

Test or Qualification Reference: 22992-211-75

**Supplier: ITT Cannon**

Government Designation: MS90562-6

Manufacturer's Designation: 274-8014-000

Test or Qualification Reference: 22992-211-75

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90563-3C

Manufacturer's Designation: 10-473432-329

Test or Qualification Reference: 2292-1078-73, 22992-909-75, 22992-165-73, 22992-167-73, 22992-804-75

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90563-7C

Manufacturer's Designation: 10-473432-449

Test or Qualification Reference: 22992-909-75, 22992-165-73, 22992-167-73, 22992-804-75, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90563-11C

Manufacturer's Designation: 10-473432-529

Test or Qualification Reference: 22992-909-75, 22992-165-73, 22992-167-73, 22992-804-75, 22992-1078-72

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90564-3C

Manufacturer's Designation: 10-473431-329

Test or Qualification Reference: 22992-909-75, 22992-168-73, 22992-166-73, 22992-804-73, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90564-7C

Manufacturer's Designation: 10-473431-449

Test or Qualification Reference: 22992-909-75, 22992-168-73, 22992-166-73, 22992-804-73, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90564-11C

Manufacturer's Designation: 10-473431-529

Test or Qualification Reference: 22992-909-75, 22992-168-73, 22992-166-73, 22992-804-73, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90562-5

Manufacturer's Designation: 294-551-01

Test or Qualification Reference: 22992-1078-73, 22992-804-75, 22992-123-74

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90562-6

Manufacturer's Designation: 294-551-02

Test or Qualification Reference: 22992-1078-73, 22992-804-75, 22992-123-74

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90563-1C

Manufacturer's Designation: 229-134-28000

Test or Qualification Reference: 22992-909-75, 22992-165-73, 22992-167-73, 22992-804-75, 22992-1078-72

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90563-4C

Manufacturer's Designation: 10-473432-339

Test or Qualification Reference: 22992-909-75, 22992-165-73, 22992-167-73, 22992-804-75, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90563-7N

Manufacturer's Designation: 229-142-44100

Test or Qualification Reference: 22992-716-76

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90564-1C

Manufacturer's Designation: 229-135-28000

Test or Qualification Reference: 22992-909-75, 22992-168-73, 22992-166-73, 22992-804-73, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90564-4C

Manufacturer's Designation: 10-473431-339

Test or Qualification Reference: 22992-909-75, 22992-168-73, 22992-166-73, 22992-804-73, 22992-1078-73

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90564-7N

Manufacturer's Designation: 229-141-44100

Test or Qualification Reference: 22992-716-76

**Supplier: Amphenol Aerospace/Amphenol Corp.**

Government Designation: MS90569

Manufacturer's Designation: QWLD ADAPTER (STEP UP) GRIP

Finish: C, N

Type: A, B

Shell: 12 Adapter: 1, 2, 3

Shell: 14 Adapter: 4, 5, 6, 7

Shell: 16

Shell: 18 Adapter: 8

Shell: 20 Adapter: 9, 10, 11, 12

Shell: 22 Adapter: 13, 14

Shell: 24 Adapter: 15, 16, 17, 18

Shell: 28 Adapter: 19, 20, 21

Shell: 32 Adapter: 22, 23, 24

Shell: 36 Adapter: 25, 26, 27, 28, 29

Shell: 40 Adapter: 30, 31, 32, 33

Shell: 44

Test or Qualification Reference: 12-4418

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## Manufacturer and Supplier Location Information

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### **Manufacturer: Amphenol Aerospace/Amphenol Corp. (CAGE Code: 77820)**

Location: 40-60 Delaware Avenue, Sidney, NY 13838-1395, US

#### Plant Locations:

1. Same Address as Manufacturer
2. Amphenol Corp. (Mexico), Products de Memoria S.A. de C.V., Carretera International, Terrazas del cid Km 7.5, Nogales, Sonora, Mexico

#### Assembly Plant Locations:

1. Amphenol East Asia, Ltd., (Class R Only), Chungli Industrial Park, Taoyuan, Taiwan, R.O.C.
2. Hamilton/Hall-Mark (Dallas, TX), 11333 Pagemill Road, Dallas, TX, 75266, US
3. Hamilton/Hall-Mark (Irving, TX), 2111 West Walnut Hill Lane, Irving, TX, 75062, US
4. Powell Electronics, Inc., P.O. Box 8765, South Island Road, Philadelphia, PA, 19101, US
5. Taiwan, R.O.C., 9801 Legler Road, Lenexa, KS, 66219, US

### **Manufacturer: Glenair, Inc. (CAGE Code: 06324)**

Location: 1211 Air Way, Glendale, CA 91201-2497, US

Plant Location: Same Address as Manufacturer

### **Manufacturer: ITT Cannon (CAGE Code: 71468)**

Location: 666 East Dyer Road, Santa Ana, CA 92702-0929, US

#### Plant Locations:

1. Same Address as Manufacturer
2. ITT Cannon (Mexico), Prolongacion, Avenieda Obregon #3673, Nogales, Sonora, Mexico