**Specification Details:** **Date: 4/24/2019**

Specification: MIL-DTL-22992
Title: Connectors, Plugs and Receptacles, Electrical, Waterproof, Quick Disconnect, Heavy Duty Type
Federal Supply Class (FSC): 5935
Conventional: No
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: Yes
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP
Primary Qualifying Activity Contact: 614-692-3131, e-mail: vqp.lc@dla.mil
Secondary Qualifying Activity Contact: 614-692-3757, e-mail: vqp.dl@dla.mil

**Notes:**

N/A

**Part Configuration:**

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

| MS NUMBER | FINISH | ADAPTER SIZE NUMBER | TYPE | STYLE |
|---|---|---|---|---|
| MS17340 | N | 12 | A | 1 |

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

| MS NUMBER | CLASS | SHELL SIZE | FINISH | INSERT | STYLE | ALTERNATE POSITION |
|---|---|---|---|---|---|---|
| MS17349 | C | 20 | C | 8 | P | W |

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

| MS NUMBER | FINISH | SHELL SIZE | TYPE (MS17349 ONLY) |
|---|---|---|---|
| MS17343 | C | 20 | A |

## PART LISTINGS

**Supplier: Spacecraft Components Corporation**
Government Designation: MS17343
Manufacturer Designation: SCP17343( )
Class: C, J, R
Finish: C, N, T, Z
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
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, 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, 18, 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, 66
Shell: 40 Insert: 1, 9, 56,
Shell: 44 Insert: 52
Test or Qualification Reference: 22992-4974-17

**Supplier: Amphenol Aerospace**
**Amphenol Aerospace/Amphenol Optimize (Mexico)**
Government Designation: MS17343
Manufacturer 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 Aerospace/Amphenol Optimize (Mexico)**

Government Designation: MS17344
Manufacturer 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 Aerospace/Amphenol Optimize (Mexico)**

Government Designation: MS17345
Manufacturer 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: Spacecraft Components Corporation**

Government Designation: MS17346
Manufacturer Designation: SCP17346( )
Class: C, J, R
Finish: C, N, T, Z
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, 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, 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, 66
Shell: 40 Insert: 1, 9, 56
Shell: 44 Insert: 52
Test or Qualification Reference: 22992-4974-17

**Supplier: Spacecraft Components Corporation**

Government Designation: MS17344
Manufacturer Designation: SCP17344( )
Class: C, J, R
Finish: C, N, T, Z
Style: P, S
Shell: 12 Insert: 5
Shell: 14 Insert: 3
Shell: 16 Insert: 2, 7, 9, 10, 12, 13
Shell: 18 Insert: 4, 5, 6, 7, 8, 9, 11, 13, 14, 15
Shell: 20 Insert: 2, 4, 7, 8, 9, 14, 15, 16, 17, 18, 21, 22, 24, 27, 29, 33
Shell: 22 Insert: 2, 5, 9, 10, 11, 12, 14, 15, 17, 18, 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, 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, 15, 52, 66
Shell: 40 Insert: 1, 9, 56,
Shell: 44 Insert: 52
Test or Qualification Reference: 22992-4974-17

**Supplier: Spacecraft Components Corporation**

Government Designation: MS17345
Manufacturer Designation: SCP17345( )
Class: C, J, R
Finish: C, N, T, Z
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: 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, 66
Shell: 40 Insert: 1, 9, 56
Shell: 44 Insert: 52
Test or Qualification Reference: 22992-4974-17

**Supplier: Amphenol Aerospace**
**Amphenol Aerospace/Amphenol Optimize (Mexico)**

Government Designation: MS17346
Manufacturer 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: Spacecraft Components Corporation**
Government Designation: MS17347
Manufacturer Designation: SCP17347( )
Class: C, J, R
Finish: C, N, T, Z
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, 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, 12, 15, 17, 17, 18, 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, 66
Shell: 40 Insert: 1, 9, 56
Shell: 44 Insert: 52
Test or Qualification Reference: 22992-4974-17

**Supplier: Spacecraft Components Corporation**
Government Designation: MS17348
Manufacturer Designation: SCP17348( )
Class: C, J, R
Finish: C, N, T, Z
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, 14, 15, 16, 17, 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, 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, 66
Shell: 40 Insert: 1, 9, 56
Shell: 44 Insert: 52
Test or Qualification Reference: 22992-4974-17

**Supplier: Amphenol Aerospace**
Government Designation: MS17349
Manufacturer Designation: QWLD COVER, RECEPTACLE
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: 12-4418

**Supplier: Amphenol Aerospace**
**Amphenol Aerospace/Amphenol Optimize (Mexico)**
Government Designation: MS17347
Manufacturer 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 Aerospace/Amphenol Optimize (Mexico)**
Government Designation: MS17348
Manufacturer 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: Spacecraft Components Corp.**
Government Designation: MS17349
Manufacturer Designation: SCP17349( )
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: 22992-3084-11

**Supplier: Glenair, Inc.**
Government Designation: MS17349
Manufacturer 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**
Government Designation: MS17350
Manufacturer 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: Spacecraft Components Corp.**
Government Designation: MS18062
Manufacturer Designation: SCP18062( )
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
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90555
Manufacturer 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: 22992-1078-73; 22992-165-73; 22992-166-73; 22992-167-73; 22992-168-73; 22992-716-76; 22992-804-75; 22992-909-75; 22992-938-76

**Supplier: Spacecraft Components Corp.**
Government Designation: MS17350
Manufacturer Designation: SCP17350( )
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: 22992-3084-11

**Supplier: Glenair, Inc.**
Government Designation: MS17350
Manufacturer 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**
Government Designation: MS18062
Manufacturer 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: Robert Technologies**
Government Designation: MS90555
Manufacturer Designation: RT90555( )
Finish: C
Style: S
Shell: 32 Insert: 4, 5, 12, 13
Shell: 44 Insert: 12, 13, 50, 51
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90555
Manufacturer Designation: ALQWLD-555 ( )
Finish: C
Style: S
Shell: 32 Insert: 2, 3, 4, 5, 6, 7, 12, 13
Shell: 44 Insert: 2, 3, 4, 5, 6, 12, 13, 50, 51, 52, 56
Shell: 52 Insert: 2, 6, 12, 13
Test or Qualification Reference: 22992-3790-13; 22992-3796-13; 22992-4036-14; 22992-4715-16

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90556
Manufacturer Designation: ALQWLD-556( )
Finish: C
Style: P
Shell: 32 Insert: 2, 3, 4, 5, 6, 7, 12, 13
Shell: 44 Insert: 2, 3, 4, 5, 6, 12, 13, 50, 51, 52, 56
Shell: 52 Insert: 2, 6, 12, 13
Test or Qualification Reference: 22992-3790-13; 22992-3796-13; 22992-4036-14; 22992-4715-16

**Supplier: Amphenol Aerospace**
Government Designation: MS90557
Manufacturer 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: 22992-1078-73; 22992-165-73; 22992-166-73; 22992-167-73; 22992-168-73; 22992-716-76; 22992-804-75; 22992-909-75; 22992-938-76

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90557
Manufacturer Designation: ALQWLD-557( )
Finish: C
Style: S
Shell: 32 Insert: 2, 3, 4, 5, 6, 7, 12, 13
Shell: 44 Insert: 2, 3, 4, 5, 6, 12, 13, 50, 51, 52, 56
Shell: 52 Insert: 2, 6, 12, 13
Test or Qualification Reference: 22992-3790-13; 22992-3796-13; 22992-4036-14; 22992-4715-16

**Supplier: Amphenol Aerospace**
Government Designation: MS90558
Manufacturer 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: 22992-1078-73; 22992-165-73; 22992-166-73; 22992-167-73; 22992-168-73; 22992-716-76; 22992-804-75; 22992-909-75; 22992-938-76

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-1
Manufacturer Designation: ALQWLD-CG-1
Test or Qualification Reference: 22992-3790-13; 22992-4505-15

**Supplier: Amphenol Aerospace**
Government Designation: MS90556
Manufacturer 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: 22992-1078-73; 22992-165-73; 22992-166-73; 22992-167-73; 22992-168-73; 22992-716-76; 22992-804-75; 22992-909-75; 22992-938-76

**Supplier: Robert Technologies**
Government Designation: MS90556
Manufacturer Designation: RT90556( )
Finish: C
Style: P
Shell: 32 Insert: 4, 5, 12, 13
Shell: 44 Insert: 12, 13, 50, 51
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Robert Technologies, Inc.**
Government Designation: MS90557
Manufacturer Designation: RT90557( )
Finish: C
Style: S
Shell: 32 Insert: 4, 5, 12, 13
Shell: 44 Insert: 12, 13, 50, 51
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90558
Manufacturer Designation: ALQWLD-558( )
Finish: C
Style: P
Shell: 32 Insert: 2, 3, 4, 5, 6, 7, 12, 13
Shell: 44 Insert: 2, 3, 4, 5, 6, 12, 13, 50, 51, 52, 56
Shell: 52 Insert: 2, 6, 12, 13
Test or Qualification Reference: 22992-3790-13; 22992-3796-13; 22992-4014; 22992-4715-16

**Supplier: Robert Technologies**
Government Designation: MS90558
Manufacturer Designation: RT90558( )
Finish: C
Style: P
Shell: 32 Insert: 4, 5, 12, 13
Shell: 44 Insert: 12, 13, 50, 51
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Amtec Corporation**
Government Designation: MS90561-1
Manufacturer Designation: MS90561-1
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-1
Manufacturer Designation: MS90561-1
Test or Qualification Reference: 22992-2780-10

**Supplier: SPI, Inc.**
Government Designation: MS90561-2
Manufacturer Designation: MS90561-2
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-3
Manufacturer Designation: ALQWLD-CG-3
Test or Qualification Reference: 22992-3790-13; 22992-4505-15

**Supplier: SPI, Inc.**
Government Designation: MS90561-3
Manufacturer Designation: MS90561-3
Test or Qualification Reference: 22992-2780-10

**Supplier: Amtec Corporation**
Government Designation: MS90561-4
Manufacturer Designation: MS90561-4
Test or Qualification Reference: 209484

**Supplier: Amtec Corporation**
Government Designation: MS90561-5
Manufacturer Designation: MS90561-5
Test or Qualification Reference: 209484

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-5
Manufacturer Designation: ALQWLD-CG-5
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: Amtec Corporation**
Government Designation: MS90561-6
Manufacturer Designation: MS90561-6
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-7
Manufacturer Designation: MS90561-7
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-8
Manufacturer Designation: ALQWLD-CG-8
Test or Qualification Reference: 22992-4715-16

**Supplier: Amtec Corporation**
Government Designation: MS90561-8
Manufacturer Designation: MS90561-8
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-9
Manufacturer Designation: MS90561-9
Test or Qualification Reference: 22992-2780-10

**Supplier: SPI, Inc.**
Government Designation: MS90561-12
Manufacturer Designation: MS90561-12
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-2
Manufacturer Designation: ALQWLD-CG-2
Test or Qualification Reference: 22992-3790-13; 22992-4505-15

**Supplier: Amtec Corporation**
Government Designation: MS90561-2
Manufacturer Designation: MS90561-2
Test or Qualification Reference: 209484

**Supplier: Amtec Corporation**
Government Designation: MS90561-3
Manufacturer Designation: MS90561-3
Test or Qualification Reference: 209484

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-4
Manufacturer Designation: ALQWLD-CG-4
Test or Qualification Reference: 22992-3790-13; 22992-4505-15

**Supplier: SPI, Inc.**
Government Designation: MS90561-4
Manufacturer Designation: MS90561-4
Test or Qualification Reference: 22992-2780-10

**Supplier: SPI, Inc.**
Government Designation: MS90561-5
Manufacturer Designation: MS90561-5
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-6
Manufacturer Designation: ALQWLD-CG-6
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: SPI, Inc.**
Government Designation: MS90561-6
Manufacturer Designation: MS90561-6
Test or Qualification Reference: 22992-2780-10

**Supplier: Amtec Corporation**
Government Designation: MS90561-7
Manufacturer Designation: MS90561-7
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-8
Manufacturer Designation: MS90561-8
Test or Qualification Reference: 22992-2780-10

**Supplier: Amtec Corporation**
Government Designation: MS90561-9
Manufacturer Designation: MS90561-9
Test or Qualification Reference: 209484

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-9
Manufacturer Designation: ALQWLD-CG-9
Test or Qualification Reference: 22992-4715-16

**Supplier: Amtec Corporation**
Government Designation: MS90561-12
Manufacturer Designation: MS90561-12
Test or Qualification Reference: 209484

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-12
Manufacturer Designation: ALQWLD-CG-12
Test or Qualification Reference: 22992-3790-13; 22992-4505-15

**Supplier: SPI, Inc.**
Government Designation: MS90561-13
Manufacturer Designation: MS90561-13
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-14
Manufacturer Designation: ALQWLD-CG-14
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: Amtec Corporation**
Government Designation: MS90561-14
Manufacturer Designation: MS90561-14
Test or Qualification Reference: 209484

**Supplier: Amtec Corporation**
Government Designation: MS90561-15
Manufacturer Designation: MS90561-15
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-16
Manufacturer Designation: MS90561-16
Test or Qualification Reference: 22992-2780-10

**Supplier: Amtec Corporation**
Government Designation: MS90561-16
Manufacturer Designation: MS90561-16
Test or Qualification Reference: 209484

**Supplier: Amtec Corporation**
Government Designation: MS90561-17
Manufacturer Designation: MS90561-17
Test or Qualification Reference: 209484

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-18
Manufacturer Designation: ALQWLD-CG-18
Test or Qualification Reference: 22992-4715-16

**Supplier: Amtec Corporation**
Government Designation: MS90561-18
Manufacturer Designation: MS90561-18
Test or Qualification Reference: 209484

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-19
Manufacturer Designation: ALQWLD-CG-19
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-20
Manufacturer Designation: ALQWLD-CG-20
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: SPI, Inc.**
Government Designation: MS90561-20
Manufacturer Designation: MS90561-20
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-13
Manufacturer Designation: ALQWLD-CG-13
Test or Qualification Reference: 22992-3790-13; 22992-4505-15

**Supplier: Amtec Corporation**
Government Designation: MS90561-13
Manufacturer Designation: MS90561-13
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-14
Manufacturer Designation: MS90561-14
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-15
Manufacturer Designation: ALQWLD-CG-15
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: SPI, Inc.**
Government Designation: MS90561-15
Manufacturer Designation: MS90561-15
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-16
Manufacturer Designation: ALQWLD-CG-16
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-17
Manufacturer Designation: ALQWLD-CG-17
Test or Qualification Reference: 22992-4715-16

**Supplier: SPI, Inc.**
Government Designation: MS90561-17
Manufacturer Designation: MS90561-17
Test or Qualification Reference: 22992-2780-10

**Supplier: SPI, Inc.**
Government Designation: MS90561-18
Manufacturer Designation: MS90561-18
Test or Qualification Reference: 22992-2780-10

**Supplier: SPI, Inc.**
Government Designation: MS90561-19
Manufacturer Designation: MS90561-19
Test or Qualification Reference: 22992-2780-10

**Supplier: Amtec Corporation**
Government Designation: MS90561-19
Manufacturer Designation: MS90561-19
Test or Qualification Reference: 209484

**Supplier: Amtec Corporation**
Government Designation: MS90561-20
Manufacturer Designation: MS90561-20
Test or Qualification Reference: 209484

**Supplier: SPI, Inc.**
Government Designation: MS90561-21
Manufacturer Designation: MS90561-21
Test or Qualification Reference: 22992-2780-10

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90561-21
Manufacturer Designation: ALQWLD-CG-21
Test or Qualification Reference: 22992-4036-14; 22992-4505-15

**Supplier: Amphenol Aerospace**
Government Designation: MS90563-1C
Manufacturer Designation: 229-134-28000
Test or Qualification Reference: 22992-1078-72; 22992-165-73; 22992-167-73; 22992-804-75; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-1N
Manufacturer Designation: SCP90563( )
Finish: C, N
Test or Qualification Reference: 22992-3084-11

**Supplier: Robert Technologies**
Government Designation: MS90563-3C
Manufacturer Designation: RT90563()
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-3C
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90563-4C
Manufacturer Designation: ALQWLD-563-4C
Test or Qualification Reference: 22992-3790-13

**Supplier: Robert Technologies**
Government Designation: MS90563-4C
Manufacturer Designation: RT90563()
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-4N
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90563-7C
Manufacturer Designation: ALQWLD-563-7C
Test or Qualification Reference: 22992-4036-14

**Supplier: Amphenol Aerospace**
Government Designation: MS90563-7N
Manufacturer Designation: 229-142-44100
Test or Qualification Reference: 22992-716-76

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-9C
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-11C
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amtec Corporation**
Government Designation: MS90561-21
Manufacturer Designation: MS90561-21
Test or Qualification Reference: 209484

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-1C
Manufacturer Designation: SCP90563( )
Finish: C, N
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90563-3C
Manufacturer Designation: ALQWLD-563-3C
Test or Qualification Reference: 22992-3790-13

**Supplier: Amphenol Aerospace**
Government Designation: MS90563-3C
Manufacturer Designation: 10-473432-329
Test or Qualification Reference: 2292-1078-73; 22992-165-73; 22992-167-
22992-804-75; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-3N
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90563-4C
Manufacturer Designation: 10-473432-339
Test or Qualification Reference: 22992-1078-73; 22992-165-73; 22992-167
73; 22992-804-75; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-4C
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-7C
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90563-7C
Manufacturer Designation: 10-473432-449
Test or Qualification Reference: 22992-1078-73; 22992-165-73; 22992-167
73; 22992-804-75; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-7N
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-9N
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90563-11C
Manufacturer Designation: ALQWLD-563-11C
Finish: C
Test or Qualification Reference: 22992-4715-16

**Supplier: Amphenol Aerospace**
Government Designation: MS90563-11C
Manufacturer Designation: 10-473432-529
Test or Qualification Reference: 22992-1078-72; 22992-165-73; 22992-167-73; 22992-804-75; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-1C
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-1N
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90564-3C
Manufacturer Designation: 10-473431-329
Test or Qualification Reference: 22992-1078-73; 22992-166-73; 22992-168-73; 22992-804-73; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-3C
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-4C
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90564-4C
Manufacturer Designation: 10-473431-339
Test or Qualification Reference: 22992-1078-73; 22992-166-73; 22992-168-73; 22992-804-73; 22992-909-75

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-4N
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90564-7C
Manufacturer Designation: 10-473431-449
Test or Qualification Reference: 22992-1078-73; 22992-166-73; 22992-168-73; 22992-804-73; 22992-909-75

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90564-7C
Manufacturer Designation: ALQWLD-564-7C
Test or Qualification Reference: 22992-4036-14

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-7N
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-9N
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90563-11N
Manufacturer Designation: SCP90563( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90564-1C
Manufacturer Designation: 229-135-28000
Test or Qualification Reference: 22992-1078-73; 22992-166-73; 22992-168-73; 22992-804-73; 22992-909-75

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90564-3C
Manufacturer Designation: ALQWLD-564-3C
Test or Qualification Reference: 22992-3790-13

**Supplier: Robert Technologies**
Government Designation: MS90564-3C
Manufacturer Designation: RT90564()
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-3N
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90564-4C
Manufacturer Designation: ALQWLD-564-4C
Test or Qualification Reference: 22992-3790-13

**Supplier: Robert Technologies**
Government Designation: MS90564-4C
Manufacturer Designation: RT90564()
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-7C
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Robert Technologies**
Government Designation: MS90564-7C
Manufacturer Designation: RT90564()
Test or Qualification Reference: 22992-2594-09; 22992-5385-19

**Supplier: Amphenol Aerospace**
Government Designation: MS90564-7N
Manufacturer Designation: 229-141-44100
Test or Qualification Reference: 22992-716-76

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-9C
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier: Amphenol Aerospace**
Government Designation: MS90564-11C
Manufacturer Designation: 10-473431-529
Test or Qualification Reference: 22992-1078-73; 22992-166-73; 22992-168-73; 22992-804-73; 22992-909-75

**Supplier: Amphenol Interconnect India Pvt. Ltd.**
Government Designation: MS90564-11C
Manufacturer Designation: ALQWLD-564-11C
Finish: C
Test or Qualification Reference: 22992-4715-16

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-11N
Manufacturer Designation: SCP90564( )
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, 8, 9, 11, 13, 14, 15, 16
Shell: 20
Test or Qualification Reference: 22992-3084-11

**Supplier: Spacecraft Components Corp.**
Government Designation: MS90564-11C
Manufacturer Designation: SCP90564( )
Test or Qualification Reference: 22992-3084-11

**Supplier:**
Government Designation:
Test or Qualification Reference:

## Manufacturer and Supplier Location Information

**Manufacturer: Amphenol Aerospace/Amphenol Connectors (CAGE Code: 77820)**
Location: 40-60 Delaware Avenue, Sidney, NY 13838-1395, US

Plants:
1. Plant: Same Address as Manufacturer
2. Amphenol Aerospace/Amphenol Optimize (Mexico), Calle Los Gavilanes #51, Parque Industrial San Ramon, Nogales, Sonora CP 84094, MX

Authorized Distributors:
1. Arrow Electronics, Boulevard Luis Donaldo Colosio #1179, Colonia Obrera, Nogales, Sonora
2. Avnet, Inc., Mariposa Industrial Park #1, 1481 N. Industrial Park, Suite #2, Nogales, AZ 85621, US
3. Powell Electronics, Inc., 200 Commodore Drive, Logan Township, NJ 08085-1270, US

**Manufacturer: Amphenol Interconnect India Pvt. Ltd. (CAGE Code: SF116)**
Location: 105, Bhosari Industrial Area, Pune, 411 026, India

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Amtec Corporation (CAGE Code: 1RX07)**
Location: 30 Center Pkwy, Plainfield, CT 06374, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Glenair, Inc. (CAGE Code: 06324)**
Location: 1211 Air Way, Glendale, CA 91201-2497, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Robert Technologies (CAGE Code: 076Z5)**
Location: 4 Timber Lane, Unit B, Marlboro, NJ 07746, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: Spacecraft Components Corporation (CAGE Code: 2B618)**
Location: 3040 North Clayton Street, North Las Vegas, NV 89032, US

Plants:
1. Plant: Same Address as Manufacturer

**Manufacturer: SPI Connects (CAGE Code: 49016)**
Location: 1170 South Patton Street, Xenia, OH 45385, US

Plants:
1. SPI/Rotary, No. 19, 5th Cross, 4th Main, Rajajinagar, Industrial Town, Bangalore, 560 044, India