

**Specification Details:**

Specification: MIL-DTL-83723  
 Title: Connectors, Electrical, Circular, Environment Resisting, Receptacles and Plugs  
 Federal Supply Class (FSC): 5935  
 Conventional: Yes  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: No  
 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:**

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP  
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**Notes:**

1. Series I connectors have been superseded by, and transferred to MIL-C-26482, as set forth in MIL-DTL-83723. See QPL-264B2 (Series II) for qualified connectors.
2. Series II connectors are inactive for new design and are superseded by military standards of MIL-C-5015 as set forth in MIL-DTL-83723.
3. See QFL-5015 for sources qualified for connector accessories other than those listed herein.
4. See QPL-39029 for contacts qualified for use in MIL-DTL-83723 connectors.
5. Assembly plants are listed on the last page of this QPL. Parts are available through these assembly plants which are authorized by the manufacturer under military requirements.

PIN: The qualified products are listed in tabular form for each manufacturer. Connectors are qualified to any combination of class, shell size, and insert arrangement as shown, and for normal and all alternate insert positions (polarization) shown on applicable military standards.

**Part Configuration:****M83723/72W808N**

Specification Sheet Number	Class	Shell Size	Insert Arrangement	Polarization
M83723/72	W	8	08	N

**Part Listings:****Supplier: Glenair, Inc.**

Government Designation: M83723/16 (Series III)  
 Manufacturer's Designation: G53416  
 Boot Configuration: M  
 Shell: 8 Component Designation: (M)  
 Shell: 10 Component Designation: (M)  
 Shell: 12 Component Designation: (M)  
 Shell: 14 Component Designation: (M)  
 Shell: 16 Component Designation: (M)  
 Shell: 18 Component Designation: (M)  
 Shell: 20 Component Designation: (M)  
 Shell: 22 Component Designation: (M)  
 Shell: 24 Component Designation: (M)  
 Test or Qualification Reference: Q83723-1/73

**Supplier: Raychem Corporation**

Government Designation: M83723/16 (Series III)  
 Manufacturer's Designation: 202D, 222D, 201M  
 Boot Configuration: A, M, S  
 Shell: 8 Component Designation: A, B, (M), (B), (A)  
 Shell: 10 Component Designation: A, B, (M), (B), (A)  
 Shell: 12 Component Designation: A, B, (M), (B), (A)  
 Shell: 14 Component Designation: A, B, (C), (B), (A)  
 Shell: 16 Component Designation: A, B, (C), (B), (A)  
 Shell: 18 Component Designation: A, B, (M), (B), (A)  
 Shell: 20 Component Designation: A, B, (M), (B), (A)  
 Shell: 22 Component Designation: A, B, (M), (B), (A)  
 Shell: 24 Component Designation: A, B, (M), (B), (A)  
 Test or Qualification Reference: 5030/72, 5034/73

**Supplier: Raychem Corporation (Mexico)**

Government Designation: M83723/16 (Series III)  
 Manufacturer's Designation: 202D, 222D, 201M  
 Boot Configuration: A, B  
 Shell: 8 Component Designation: A, (B), (A), B  
 Shell: 10 Component Designation: A, (B), (A), B  
 Shell: 12 Component Designation: A, (B), (A), B  
 Shell: 14 Component Designation: A, (B), (A), B  
 Shell: 16 Component Designation: A, (B), (A), B  
 Shell: 18 Component Designation: A, (B), (A), B  
 Shell: 20 Component Designation: A, (B), (A), B  
 Shell: 22 Component Designation: A, (B), (A), B  
 Shell: 24 Component Designation: A, (B), (A), B  
 Test or Qualification Reference: 5030/72, 5034/73, 83723-2115-08

**Supplier: Sunbank Electronics, Inc.**

Government Designation: M83723/16 (Series III)  
 Manufacturer's Designation: S1234( GN)  
 Boot Configuration: N  
 Shell: 10 Component Designation: (M)  
 Shell: 12 Component Designation: (M)  
 Shell: 14 Component Designation: (M)  
 Shell: 16 Component Designation: (M)  
 Shell: 18 Component Designation: (M)  
 Shell: 20 Component Designation: (M)  
 Shell: 22 Component Designation: (M)  
 Shell: 24 Component Designation: (M)  
 Test or Qualification Reference: F-74033-1/74

**Supplier: ITT Cannon**

Government Designation: M83723/17 (Series II)  
Manufacturer's Designation: CVAIR( ), CV1R( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 14, 22  
Shell: 24 Insert: 02, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 13, 17  
Shell: 36 Insert: 05, 06, 07, 09, 10  
Shell: 40 Insert: 01, 09  
Test or Qualification Reference: C43/73, C116/73, C110/73, 148/75, SC000/-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/19 (Series II)  
Manufacturer's Designation: CVAR( ), CVOR( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03, 04  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03, 04  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 06, 14, 19, 22  
Shell: 24 Insert: 05, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 08, 10, 15  
Shell: 40 Insert: 01, 09, 10  
Test or Qualification Reference: C43/73, C116/73, C11C/73, 148/75, SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/21 (Series II)  
Manufacturer's Designation: CVA2R( ), CV2R( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03, 04  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03, 04  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 07, 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 06, 14, 19, 22  
Shell: 24 Insert: 05, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 08, 10, 15  
Shell: 40 Insert: 01, 09, 10  
Test or Qualification Reference: C43/73, C116/73, C11C/73, 148/75, SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/18 (Series II)  
Manufacturer's Designation: CVAIR( ), CVOR( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 22 Insert: 02, 05, 14, 22  
Shell: 24 Insert: 02, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 09, 10  
Shell: 40 Insert: 01, 09  
Test or Qualification Reference: C43/73, C116/73, C110/73, 148/75, SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/20 (Series II)  
Manufacturer's Designation: CVACR( ), CVOR( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 14, 22, 23  
Shell: 24 Insert: 02, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 09, 10  
Shell: 40 Insert: 01, 09  
Test or Qualification Reference: C43/73, C116/73, C11C/73, 148-75, SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/22 (Series II)  
Manufacturer's Designation: CVA2R( ), CV2R( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 14, 22, 23  
Shell: 24 Insert: 02, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 09, 10  
Shell: 40 Insert: 01, 09  
Test or Qualification Reference: C43/73, C116/73, C11C/73, 148/75, SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/23 (Series II)  
Manufacturer's Designation: CVA2R( ), CV2R( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03, 04  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03, 04  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 07, 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 06, 14, 19, 22  
Shell: 24 Insert: 05, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 08, 10, 15  
Shell: 40 Insert: 09, 10  
Test or Qualification Reference: C43/73, C116/73, C11C/73, 148/75,  
SC0008-200DR

**Supplier: Glenair, Inc.**

Government Designation: M83723/27 (Series II)  
Manufacturer's Designation: 02619  
Boot Configuration: M  
Shell: 8 Component Designation: (M)  
Shell: 10 Component Designation: (M)  
Shell: 11 Component Designation: (M)  
Shell: 12 Component Designation: (M)  
Shell: 13 Component Designation: (M)  
Shell: 14 Component Designation: (M)  
Shell: 15 Component Designation: (M)  
Shell: 16 Component Designation: (M)  
Shell: 17 Component Designation: (M)  
Shell: 18 Component Designation: (M)  
Shell: 20 Component Designation: (M)  
Shell: 22 Component Designation: (M)  
Shell: 24 Component Designation: (M)  
Shell: 28 Component Designation: (M)  
Shell: 32 Component Designation: (M)  
Shell: 36 Component Designation: (M)  
Shell: 40 Component Designation: (M)  
Test or Qualification Reference: Q83723-1/73

**Note: Inactive for new design**

**Supplier: Raychem Corporation (Mexico)**

Government Designation: M83723/27 (Series II)  
Manufacturer's Designation: 202D, 222D, 201M  
Boot Configuration: A, B  
Shell: 8 Component Designation: A, (B), (A, B)  
Shell: 10 Component Designation: A, (B), (A, B)  
Shell: 11 Component Designation: A, (B), (A, B)  
Shell: 12 Component Designation: A, (B), (A, B)  
Shell: 13 Component Designation: A, (B), (A, B)  
Shell: 14 Component Designation: A, (B), (A, B)  
Shell: 15 Component Designation: A, (B), (A, B)  
Shell: 16 Component Designation: A, (B), (A, B)  
Shell: 17 Component Designation: A, (B), (A, B)  
Shell: 18 Component Designation: A, (B), (A, B)  
Shell: 20 Component Designation: A, (B), (A, B)  
Shell: 22 Component Designation: A, (B), (A, B)  
Shell: 24 Component Designation: A, (B), (A, B)  
Shell: 28 Component Designation: A, (B), (A, B)  
Shell: 32 Component Designation: A, (B), (A, B)  
Shell: 36 Component Designation: A, (B), (A, B)  
Shell: 40 Component Designation: A, (B), (A, B)  
Test or Qualification Reference: 5030/72, 5034/73, 83723-2115-08

**Supplier: ITT Cannon**

Government Designation: M83723/24 (Series II)  
Manufacturer's Designation: CVA6R( ), CV6R( )-113  
Class: A, R  
Shell: 8 Insert: 01  
Shell: 10 Insert: 02  
Shell: 11 Insert: 03  
Shell: 12 Insert: 05  
Shell: 13 Insert: 03  
Shell: 15 Insert: 02, 05, 06, 07, 09  
Shell: 16 Insert: 09, 10, 11  
Shell: 17 Insert: 01, 08  
Shell: 18 Insert: 01, 04, 08, 09, 10, 11  
Shell: 20 Insert: 04, 07, 14, 15, 16, 18, 24, 27, 29, 33  
Shell: 22 Insert: 02, 05, 14, 22, 23  
Shell: 24 Insert: 02, 07, 09, 10, 11, 12, 20, 28  
Shell: 28 Insert: 02, 09, 11, 12, 15, 17, 20, 21  
Shell: 32 Insert: 05, 07, 09, 13, 17  
Shell: 36 Insert: 05, 06, 07, 09, 10  
Shell: 40 Insert: 01, 09  
Test or Qualification Reference: C43/73, C116/73, C11C/73, 148/75,  
SC0008-200DR

**Supplier: Raychem Corporation**

Government Designation: M83723/27 (Series II)  
Manufacturer's Designation: 202D, 222D, 201M  
Boot Configuration: A, M, S  
Shell: 8 Component Designation: A, B, (M), (B), (A)  
Shell: 10 Component Designation: A, B, (M), (B), (A)  
Shell: 11 Component Designation: A, B, (M), (B), (A)  
Shell: 12 Component Designation: A, B, (M), (B), (A)  
Shell: 13 Component Designation: A, B, (M), (B), (A)  
Shell: 14 Component Designation: A, B, (M), (B), (A)  
Shell: 15 Component Designation: A, B, (M), (B), (A)  
Shell: 16 Component Designation: A, B, (M), (B), (A)  
Shell: 17 Component Designation: A, B, (M), (B), (A)  
Shell: 18 Component Designation: A, B, (M), (B), (A)  
Shell: 20 Component Designation: A, B, (M), (B), (A)  
Shell: 22 Component Designation: A, B, (M), (B), (A)  
Shell: 24 Component Designation: A, B, (M), (B), (A)  
Shell: 28 Component Designation: A, B, (M), (B), (A)  
Shell: 32 Component Designation: A, B, (M), (B), (A)  
Shell: 36 Component Designation: A, B, (M), (B), (A)  
Shell: 40 Component Designation: A, B, (M), (B), (A)  
Test or Qualification Reference: 5030/72, 5034/72

**Supplier: Sunbank Electronics, Inc.**

Government Designation: M83723/27 (Series II)  
Manufacturer's Designation: S1572-( ( ) )  
Boot Configuration: N  
Shell: 8 Component Designation: (M)  
Shell: 10 Component Designation: (M)  
Shell: 11 Component Designation: (M)  
Shell: 12 Component Designation: (M)  
Shell: 13 Component Designation: (M)  
Shell: 14 Component Designation: (M)  
Shell: 15 Component Designation: (M)  
Shell: 16 Component Designation: (M)  
Shell: 17 Component Designation: (M)  
Shell: 18 Component Designation: (M)  
Shell: 20 Component Designation: (M)  
Shell: 22 Component Designation: (M)  
Shell: 24 Component Designation: (M)  
Shell: 28 Component Designation: (M)  
Shell: 32 Component Designation: (M)  
Shell: 36 Component Designation: (M)  
Shell: 40 Component Designation: (M)  
Test or Qualification Reference: F-74033-7/74

**Supplier: Glenair, Inc.**

Government Designation: M83723/35 (Series II)

Manufacturer's Designation: G62981

Class: R

Shell: 8 Component Designation: N, A, S

Shell: 10 Component Designation: N, A, S

Shell: 11 Component Designation: N, A, S

Shell: 12 Component Designation: S, N

Shell: 13 Component Designation: N, S, A

Shell: 15 Component Designation: N, A, S

Shell: 16 Component Designation: N, A, S

Shell: 17 Component Designation: N, A, S

Shell: 18 Component Designation: N, A, S

Shell: 20 Component Designation: N, A, S

Shell: 22 Component Designation: N, A, S

Shell: 24 Component Designation: N, A, S

Shell: 28 Component Designation: N, A, S

Shell: 32 Component Designation: N, A, S

Shell: 36 Component Designation: N, A, S

Shell: 40 Component Designation: N, A, S

Test or Qualification Reference: 83723-096-98

**Note: Inactive for new design**

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/37 (Series I)

Manufacturer's Designation: AE8337R( )

Class: A, R, W

Shell: 8 Insert: 02, 03, 04

Test or Qualification Reference: 83723-034-97

**Note: Inactive for new design**

**Supplier: Glenair, Inc.**

Government Designation: M83723/50 (Series II)

Manufacturer's Designation: GTR

Class: A, N

Shell: 8 Component Designation: R, B, A

Shell: 10 Component Designation: R, B, A

Shell: 11 Component Designation: R, B, A

Shell: 12 Component Designation: R, B, A

Shell: 13 Component Designation: R, B, A

Shell: 15 Component Designation: R, B, A

Shell: 16 Component Designation: R, B, A

Shell: 17 Component Designation: R, B, A

Shell: 18 Component Designation: R, B, A

Shell: 20 Component Designation: R, B, A

Shell: 22 Component Designation: R, B, A

Shell: 24 Component Designation: R, B, A

Shell: 28 Component Designation: R, B, A

Test or Qualification Reference: Q83723-2/74

**Note: Inactive for new design**

**Supplier: Glenair, Inc.**

Government Designation: M83723/59-2 (Series III)

Manufacturer's Designation: GeASA-

Class: A, R, W

Shell: 8 Termination Style: C, N, T, P, R

Shell: 10 Termination Style: C, N, T, P, R

Shell: 12 Termination Style: C, N, T, P, R

Shell: 14 Termination Style: C, N, T, P, R

Shell: 16 Termination Style: C, N, T, P, R

Shell: 18 Termination Style: C, N, T, P, R

Shell: 20 Termination Style: C, N, T, P, R

Shell: 22 Termination Style: C, N, T, P, R

Shell: 24 Termination Style: C, N, T, P, R

Test or Qualification Reference: AFALD/LOIEP Ltr 8 Jun 77

**Note: Bayonet Coupling**

**Supplier: ITT Cannon**

Government Designation: M83723/35 (Series II)

Manufacturer's Designation: 057

Class: A, R

Shell: 8 Component Designation: A, S, N

Shell: 10 Component Designation: S

Shell: 11 Component Designation: A, S, N

Shell: 13 Component Designation: A, S, N

Shell: 15 Component Designation: A, S, N

Shell: 16 Component Designation: A, S, N

Shell: 17 Component Designation: A, S, N

Shell: 18 Component Designation: A, S, N

Shell: 20 Component Designation: A, S, N

Shell: 22 Component Designation: A, S, N

Shell: 24 Component Designation: A, S, N

Shell: 28 Component Designation: A, S, N

Shell: 32 Component Designation: A, S, N

Shell: 36 Component Designation: A, S, N

Shell: 40 Component Designation: S, N

Test or Qualification Reference: C43/73, 148/75

**Supplier: Deutsch**

Government Designation: M83723/37 (Series I)

Manufacturer's Designation: 88009

Class: A, R, W

Shell: 8 Insert: 03, 04

Test or Qualification Reference: DTR51300/73, 51317/73, 51318/73, 51376/75

**Note: Inactive for new design**

**Supplier: Glenair, Inc.**

Government Designation: M83723/59-1 (Series III)

Manufacturer's Designation: G8A56-

Class: A, R, W

Shell: 8 Termination Style: C, N, T, P, R

Shell: 10 Termination Style: C, N, T, P, R

Shell: 12 Termination Style: C, N, T, P, R

Shell: 14 Termination Style: C, N, T, P, R

Shell: 16 Termination Style: C, N, T, P, R

Shell: 18 Termination Style: C, N, T, P, R

Shell: 20 Termination Style: C, N, T, P, R

Shell: 22 Termination Style: C, N, T, P, R

Shell: 24 Termination Style: C, N, T, P, R

Test or Qualification Reference: AFALD/LOIEP Ltr 8 Jun 77

**Note: Threaded Coupling**

**Supplier: Glenair, Inc.**

Government Designation: M83723/60-1 (Series III)

Manufacturer's Designation: GeASS-

Class: A, R, W

Shell: 8 Termination Style: C, N, T, P, R

Shell: 10 Termination Style: C, N, T, P, R

Shell: 12 Termination Style: P, T, R, N, C

Shell: 14 Termination Style: P, T, R, N, C

Shell: 16 Termination Style: P, T, R, N, C

Shell: 18 Termination Style: P, T, R, N, C

Shell: 20 Termination Style: P, T, R, N, C

Shell: 22 Termination Style: P, T, R, N, C

Shell: 24 Termination Style: P, T, R, N, C

Test or Qualification Reference: AFALD/LOIEP Ltr 8 Jun 77

**Note: Treaded Coupling**

**Supplier: Glenair, Inc.**

Government Designation: M83723/60-2 (Series III)

Manufacturer's Designation: G8453-

Class: A, R, W

Shell: 8 Termination Style: P, T, R, N, C

Shell: 10 Termination Style: P, T, R, N, C

Shell: 12 Termination Style: P, T, R, N, C

Shell: 14 Termination Style: P, T, R, N, C

Shell: 16 Termination Style: P, T, R, N, C

Shell: 18 Termination Style: P, T, R, N, C

Shell: 20 Termination Style: P, T, R, N, C

Shell: 22 Termination Style: P, T, R, N, C

Shell: 24 Termination Style: P, T, R, N, C

Test or Qualification Reference: AFALD/LOIEP Ltr 8 Jun 77

**Note: Bayonet Coupling**

**Supplier: Glenair, Inc.**

Government Designation: M83723/61-2 (Series III)

Manufacturer's Designation: G8458

Class: A, R, W

Shell: 8, 10, 12, 14, 16, 18, 20, 22, 24

Test or Qualification Reference: AFALD/LOIEP Ltr 8 Jun 77

**Note: Bayonet Coupling**

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/66 (Series III)

Manufacturer's Designation: MQ36

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/67 (Series III)

Manufacturer's Designation: MQ36

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Glenair, Inc.**

Government Designation: M83723/61-1 (Series III)

Manufacturer's Designation: DRPCS)

Class: A, R, W

Shell: 8, 10, 12, 14, 16, 18, 20, 22, 24

Test or Qualification Reference: AFALD/LOIEP Ltr 11 8 Jun 77

**Note: Threaded Coupling**

**Supplier: Deutsch**

Government Designation: M83723/65 (Series III)

Manufacturer's Designation: 94603

Class: H

Shell: 10 Insert: 05

Shell: 14 Insert: 07

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Shell: 20 Insert: 41

Shell: 24 Insert: 61

Test or Qualification Reference: DTR51300/73, 51317/73, 51318/73, 51364/74, 51463/77

**Supplier: J-Tech**

Government Designation: M83723/66 (Series III)

Manufacturer's Designation: JT8372366

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: J-Tech**

Government Designation: M83723/67 (Series III)

Manufacturer's Designation: JT83723/67

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/68 (Series III)

Manufacturer's Designation: AE83368 ( )

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-175-96

**Supplier: J-Tech**

Government Designation: M83723/68 (Series III)

Manufacturer's Designation: JT83723/68

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31, 39, 41

Shell: 20 Insert: 16, 25, 28, 39, 55

Shell: 22 Insert: 12, 19, 32, 61

Shell: 24 Insert: 19, 43, 57

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/69 (Series III)

Manufacturer's Designation: MQ35

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/70 (Series III)

Manufacturer's Designation: AE83370( )

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-175-96

**Supplier: Glenair, Inc.**

Government Designation: M83723/70 (Series III)

Manufacturer's Designation: G583723/70 ( )

Class: A, G, R, W

Shell: 8, 10, 12, 14, 16, 18, 20, 22, 24

Test or Qualification Reference: 83723-227-93

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/68 (Series III)

Manufacturer's Designation: MQ35

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/69 (Series III)

Manufacturer's Designation: AE83369 ( )

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-175-96

**Supplier: J-Tech**

Government Designation: M83723/69 (Series III)

Manufacturer's Designation: JT83723/69

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/70 (Series III)

Manufacturer's Designation: 2500-

Class: A, G, R, W

Shell: 10, 12, 14, 16, 18, 20, 22, 24

Test or Qualification Reference: 83723-103-98

**Supplier: J-Tech**

Government Designation: M83723/70 (Series III)

Manufacturer's Designation: JT83723/70

Class: A, G, R, W

Shell: 8, 10, 12, 14, 16, 18, 20, 22, 24

Test or Qualification Reference: 83723-062-97

**Supplier: Sunbank Electronics, Inc.**

Government Designation: M83723/70 (Series III)  
Manufacturer's Designation: S2A1C  
Class: A, G, R, W  
Shell: 10, 12, 20, 22  
Test or Qualification Reference: 2750 AFB/ESP ltr 8 Aug 83

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: AE833/71 ( ) S ( )  
Coupling: B  
Class: A, G, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: 518-10R  
Coupling: B  
Class: A, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: MB30  
Coupling: B  
Class: K, A, G, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723/103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: BY( )-17( )-( )SD  
Coupling: B  
Class: A, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 39, 41  
Shell: 22 Insert: 19, 55  
Shell: 24 Insert: 57, 61  
Test or Qualification Reference: 83723-181-86

**Supplier: Deutsch**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: DL60S  
Coupling: B  
Class: G  
Shell: 14 Insert: 04, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 31  
Shell: 20 Insert: 39, 41  
Shell: 22 Insert: 12, 32, 55  
Test or Qualification Reference: DTR51463/77

**Supplier: Deutsch**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: DL60R  
Coupling: B  
Class: A, R, W  
Shell: 8 Insert: 03  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: DTR51300/73, 51317/73, 51318/73, 51376/75

**Supplier: J-Tech**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: JT83723/71  
Coupling: B  
Class: A, G, K, N, R, S, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-062-97

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: AE833/72( )P( )

Coupling: B

Class: A, G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: 518-10R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: MB30

Coupling: B

Class: W, K, A, G, R

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: BY( )-17( )-( )PD

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: 83723-181-86

**Supplier: Deutsch**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: DL60R, 83760R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: DTR51308/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: Deutsch**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: DL60S

Coupling: B

Class: G

Shell: 14 Insert: 04, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Shell: 20 Insert: 39, 41

Shell: 22 Insert: 12, 32, 55

Test or Qualification Reference: AFALD/PTSP ltr 29 Sep 81

**Supplier: J-Tech**

Government Designation: M83723/72 (Series III)

Manufacturer's Designation: JT83723/72

Coupling: B

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/73 (Series III)

Manufacturer's Designation: AE833/73( )S( )

Coupling: B

Class: A, G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95



**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/73 (Series III)

Manufacturer's Designation: 518-13R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/73 (Series III)

Manufacturer's Designation: BY( )-19( )-( )SD

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: 83723-181-86

**Supplier: J-Tech**

Government Designation: M83723/73 (Series III)

Manufacturer's Designation: JT83723/73Q

Coupling: B

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/74 (Series III)

Manufacturer's Designation: 518-13R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/73 (Series III)

Manufacturer's Designation: MB34

Coupling: B

Class: K, A, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Deutsch**

Government Designation: M83723/73 (Series III)

Manufacturer's Designation: DL64R, 83764R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR/51376/75

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/74 (Series III)

Manufacturer's Designation: AE833/74( )P( )

Coupling: B

Class: A, G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/74 (Series III)

Manufacturer's Designation: MB34

Coupling: B

Class: K, A, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/74 (Series III)

Manufacturer's Designation: BY(-)19(-)( )PD

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: 83723-181-86

**Supplier: J-Tech**

Government Designation: M83723/74 (Series III)

Manufacturer's Designation: JT83723/74

Coupling: B

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: 518-16R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: BY(-)10(-)( )SD

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: 83723-181-86

**Supplier: Deutsch**

Government Designation: M83723/74 (Series III)

Manufacturer's Designation: DL64R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: AE833/75( )S( )

Coupling: B

Class: A, G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: MB36

Coupling: B

Class: K, A, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Deutsch**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: DL66R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: DTR51300/73

**Supplier: Deutsch**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: DL66S

Coupling: B

Class: G

Shell: 14 Insert: 04

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Shell: 20 Insert: 41

Shell: 22 Insert: 55

Test or Qualification Reference: AFALD/PTSP Itr 29 Sep 81

**Supplier: J-Tech**

Government Designation: M83723/75 (Series III)

Manufacturer's Designation: JT83723/75

Coupling: B

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: AE833/76( )S( )

Coupling: B

Class: A, G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: 518-16R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: MB36

Coupling: B

Class: K, A, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: 83723-181-86

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: 83723-181-86

**Supplier: Deutsch**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: DL66R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73, DTR51376/75**Supplier: Deutsch**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: DL66S

Coupling: B

Class: G

Shell: 14 Insert: 04

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Shell: 20 Insert: 41

Shell: 22 Insert: 55

Test or Qualification Reference: DTR51463/77

**Supplier: J-Tech**

Government Designation: M83723/76 (Series III)

Manufacturer's Designation: JT83723/76

Coupling: B

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/77 (Series III)

Manufacturer's Designation: 518-18

Coupling: B

Class: R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Deutsch**

Government Designation: M83723/77 (Series III)

Manufacturer's Designation: DL68R

Coupling: B

Class: R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73, DTR51376/75**Supplier: J-Tech**

Government Designation: M83723/77 (Series III)

Manufacturer's Designation: JT83723/77

Coupling: B

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/77 (Series III)

Manufacturer's Designation: AE833/77( )S( )

Coupling: B

Class: G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/77 (Series III)

Manufacturer's Designation: MB38

Coupling: B

Class: K, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Deutsch**

Government Designation: M83723/77 (Series III)

Manufacturer's Designation: DL68S

Coupling: B

Class: G

Shell: 16 Insert: 24

Shell: 20 Insert: 39

Shell: 22 Insert: 32

Test or Qualification Reference: DTR51463/77

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/78 (Series III)

Manufacturer's Designation: AE833/78( )P( )

Coupling: B

Class: G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/78 (Series III)  
Manufacturer's Designation: 518-18  
Coupling: B  
Class: R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-408-90

**Supplier: Deutsch**

Government Designation: M83723/78 (Series III)  
Manufacturer's Designation: DL68R  
Coupling: B  
Class: R, W  
Shell: 8 Insert: 03  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73, DTR51376/75

**Supplier: J-Tech**

Government Designation: M83723/78 (Series III)  
Manufacturer's Designation: JT83723/78  
Coupling: B  
Class: A, G, K, N, R, S, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-062-97

**Supplier: Deutsch**

Government Designation: M83723/79 (Series III)  
Manufacturer's Designation: DL6OH  
Coupling: B  
Class: H  
Shell: 8 Insert: 03  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 28, 41  
Shell: 22 Insert: 12, 19, 55  
Shell: 24 Insert: 19, 43, 61  
Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/78 (Series III)  
Manufacturer's Designation: MB38  
Coupling: B  
Class: K, G, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723-103-98

**Supplier: Deutsch**

Government Designation: M83723/78 (Series III)  
Manufacturer's Designation: DL68S  
Coupling: B  
Class: G  
Shell: 16 Insert: 24  
Shell: 20 Insert: 39  
Shell: 22 Insert: 32  
Test or Qualification Reference: DTR51463/77

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/79 (Series III)  
Manufacturer's Designation: 30J-( ) -20-M3, 31Jj-( ) -20-M2  
Coupling: B  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 07, 10, 12, 15  
Shell: 16 Insert: 14, 24  
Shell: 18 Insert: 16, 31  
Shell: 20 Insert: 19, 41  
Shell: 22 Insert: 55  
Shell: 24 Insert: 61  
Test or Qualification Reference: 83723-353-89

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/79 (Series III)  
Manufacturer's Designation: HR-810792 ( ), HR-SS810C792 ( )  
Coupling: B  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: AFALD/PTSP ltr 23 Nov 83

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/79 (Series III)

Manufacturer's Designation: 70000\*-B-\*\*\*\*

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-144-90

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/80 (Series III)

Manufacturer's Designation: 20J(-)-20-M3, 23J(-)-20-M2

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 14, 24

Shell: 18 Insert: 16, 31

Shell: 20 Insert: 19, 41

Shell: 22 Insert: 55

Shell: 24 Insert: 61

Test or Qualification Reference: 83723-353-89

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/80 (Series III)

Manufacturer's Designation: HR-800802( ), HR-SS800802 ( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: AFALD/PTSP Itr 23 Nov 83

**Supplier: Sealtron, Inc.**

Government Designation: M83723/80 (Series III)

Manufacturer's Designation: 6602(-)

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-1650-86

**Supplier: Sealtron, Inc.**

Government Designation: M83723/79 (Series III)

Manufacturer's Designation: 6603(-)

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-1650-86

**Supplier: Deutsch**

Government Designation: M83723/80 (Series III)

Manufacturer's Designation: 83763H

Coupling: B

Class: H, Y

Shell: 8 Insert: 03

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 28, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 19, 43, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/80 (Series III)

Manufacturer's Designation: 69000\*-B-\*\*\*\*

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-144-90

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/81 (Series III)

Manufacturer's Designation: 50J(-)-20-M3, 51J(-)-20-M2

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 14, 24

Shell: 18 Insert: 16, 31

Shell: 20 Insert: 19, 41

Shell: 22 Insert: 55

Shell: 24 Insert: 61

Test or Qualification Reference: 83723-353-89

**Supplier: Deutsch**

Government Designation: M83723/81 (Series III)

Manufacturer's Designation: DL64H

Coupling: B

Class: H, Y

Shell: 8 Insert: 03

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 28, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 19, 43, 61

Test or Qualification Reference: DTR51318/73, DTR51300/73, DTR51317/73

**Supplier: Sealtron, Inc.**

Government Designation: M83723/81 (Series III)

Manufacturer's Designation: 6605-( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-1650-86

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: 518-00

Coupling: T

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: BJK-17( )SD, BT( )-17( )SD, BTN-17E( )SD

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: TRC-01626-00-QL/73, AFALD/PTSP Itr 11 Aug 81, AFALD/PTSP Itr 22 Jul 83, 83723-1038-85, 83723-327-86, 83723-205-86

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/81 (Series III)

Manufacturer's Designation: HR-820812 ( ), HR-SS80812 ( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: AFALD/PTSP Itr 23 Nov 83

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: AE833/82( )S( )

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: MT30

Coupling: T

Class: K, N, S, A, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Deutsch**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: DBA30

Coupling: T

Class: A, R, W

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 12, 19, 55

Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376/75, AFALD/PTSP Itr 18 Feb 83

**Supplier: Deutsch**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: DBA30S( )SN-1A

Coupling: T

Class: G

Shell: 16 Insert: 24

Shell: 20 Insert: 25, 28

Shell: 22 Insert: 12, 32

Test or Qualification Reference: DTR51300/73, DTR51317/73,

DTR51318/73, DTR51376/75, AFALD/PTSP Itr 18 Feb 83

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: 70030K-\*\*-\*\*SN

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-098-96

**Supplier: ITT Cannon**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: HTMF00

Coupling: T

Class: G, K

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 19, 55

Test or Qualification Reference: AFALD/PTSP Itr 4 Oct 82

**Supplier: ITT Cannon**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: MFO

Coupling: T

Class: S

Shell: 10 Insert: 05

Shell: 12 Insert: 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Test or Qualification Reference: C141/73

**Supplier: J-Tech**

Government Designation: M83723/82 (Series III)

Manufacturer's Designation: JT83723/82

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/83 (Series III)

Manufacturer's Designation: AE833/83( )P( )

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/83 (Series III)

Manufacturer's Designation: 518-00

Coupling: T

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/83 (Series III)

Manufacturer's Designation: MT30

Coupling: T

Class: K, N, S, A, G, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98



**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: BTK-17E( )PD, BT( )-17( )SD, BTN-17E( )PD  
 Coupling: T  
 Class: A, G, K, N, R, S, W  
 Shell: 8 Insert: 03, 98  
 Shell: 10 Insert: 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 39, 41  
 Shell: 22 Insert: 12, 19, 55  
 Shell: 24 Insert: 57, 61  
 Test or Qualification Reference: TRC-01626-00-QL/73, AFALD/PTSP Itr  
 11 Aug 81, AFALD/PTSP Itr 22 Jul 83, 83723-1038-85, 83723-327-86,  
 83723-205-86

**Supplier: Deutsch**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: DBA30S( )PN-1A  
 Coupling: T  
 Class: G  
 Shell: 20 Insert: 25, 28  
 Shell: 22 Insert: 12, 32  
 Test or Qualification Reference: DTR51300/73, 51317/73, 51318/73,  
 51376/75

**Supplier: ITT Cannon**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: MFO  
 Coupling: T  
 Class: S  
 Shell: 10 Insert: 05  
 Shell: 12 Insert: 12  
 Shell: 14 Insert: 04, 07, 15  
 Shell: 16 Insert: 24  
 Shell: 18 Insert: 31  
 Test or Qualification Reference: C141/73

**Supplier: J-Tech**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: JT83723/83  
 Coupling: T  
 Class: A, G, K, N, R, S, W  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 19, 32, 39, 55  
 Shell: 24 Insert: 43, 57, 61  
 Test or Qualification Reference: 83723-062-97

**Supplier: Deutsch**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: DBA30  
 Coupling: T  
 Class: A, R, W  
 Shell: 8 Insert: 03, 98  
 Shell: 10 Insert: 05  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 15  
 Shell: 16 Insert: 24  
 Shell: 18 Insert: 14, 31  
 Shell: 22 Insert: 12, 19, 55  
 Test or Qualification Reference: DTR51300/73, DTR51317/73,  
 DTR51318/73, DTR51376/75

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: 70040K-\*\*T-\*\*PN  
 Coupling: T  
 Class: A, G, K, N, R, S, W  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Shell: 24 Insert: 19, 43, 57, 61  
 Test or Qualification Reference: 83723-098-96

**Supplier: ITT Cannon**

Government Designation: M83723/83 (Series III)  
 Manufacturer's Designation: HTMF00-  
 Coupling: T  
 Class: G, K  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 05  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 07, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 14, 31  
 Shell: 22 Insert: 19, 32, 55  
 Test or Qualification Reference: AFLD/PTSP Itr 4 Oct 82

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/84 (Series III)  
 Manufacturer's Designation: AE833/84( )S( )  
 Coupling: T  
 Class: A, G, K, N, R, S, W  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Shell: 24 Insert: 19, 43, 57, 61  
 Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/84 (Series III)

Manufacturer's Designation: 518-03

Coupling: T

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/84 (Series III)

Manufacturer's Designation: BTK-19E( )SD, BT( )-19( )SD, BTN-19E( )SD, BTW-19( )-( )SD

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: TRC-01626-00-QL/73, AFALD/PTSP Itr 11 Aug 81, AFALD/PTSP Itr 22 Jul 83, 83723-1038-85, 83723-327-86, 83723-205-86

**Supplier: ITT Cannon**

Government Designation: M83723/84 (Series III)

Manufacturer's Designation: MF7

Coupling: T

Class: S

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Shell: 22 Insert: 55

Test or Qualification Reference: C141/73

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: AE833/85( )P( )

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 06, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/84 (Series III)

Manufacturer's Designation: MT34

Coupling: T

Class: K, A, G, R, W, N, S

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Deutsch**

Government Designation: M83723/84 (Series III)

Manufacturer's Designation: DBA34

Coupling: T

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 12, 19, 55

Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, CTR51373/75

**Supplier: J-Tech**

Government Designation: M83723/84 (Series III)

Manufacturer's Designation: JT83723/84

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: 518-03

Coupling: T

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: MT34

Coupling: T

Class: A, G, R, W, K, N, S

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723/-103-98

**Supplier: Deutsch**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: DBA34

Coupling: T

Class: A, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 12, 19, 55

Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73, DTR51376/75

**Supplier: J-Tech**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: JT83723/85

Coupling: T

Class: A, G, K, N, R, S, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/86 (Series III)

Manufacturer's Designation: 518-06

Coupling: T

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: BTK-19E( )PD, BT( )-19( )PD, BTN-19e( )  
BTW-19( )-( )PD

Coupling: T

Class: S, A, G, K, R, W

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: TRC-01626-00-QL/73, AFALD/PTSP I  
11 Aug 81, AFALD/PTSP Itr 22 Jul 83, 83723-1038-85, 83723-327-86,  
83723-205-86

**Supplier: ITT Cannon**

Government Designation: M83723/85 (Series III)

Manufacturer's Designation: MF7

Coupling: T

Class: S

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Shell: 22 Insert: 55

Test or Qualification Reference: C141/73

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/86 (Series III)

Manufacturer's Designation: AE833/86( )S( )

Coupling: T

Class: A, G, K, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/86 (Series III)

Manufacturer's Designation: MT36

Coupling: T

Class: A, G, R, W, K

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/86 (Series III)  
Manufacturer's Designation: BG-11( )SD, BJ-11( )SD, BJK-11( )SD, BTW-11( )-( )SD  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 39, 41  
Shell: 22 Insert: 12, 19, 55  
Shell: 24 Insert: 57, 61  
Test or Qualification Reference: TRC-01626-00-QL/73, AFALD/PTSP Ltr 11 Aug 81, AFALD/PTSP Ltr 22 Jul 83, 83723-1038-85, 83723-327-86, 83723-205-86

**Supplier: J-Tech**

Government Designation: M83723/86 (Series III)  
Manufacturer's Designation: JT83723/86  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 19, 32, 39, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/87 (Series III)  
Manufacturer's Designation: 518-06  
Coupling: T  
Class: A, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-408-90

**Supplier: Deutsch**

Government Designation: M83723/86 (Series III)  
Manufacturer's Designation: DBA36  
Coupling: T  
Class: A, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 14, 31  
Shell: 22 Insert: 12, 19, 55  
Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/87 (Series III)  
Manufacturer's Designation: AE833/87( )P( )  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/87 (Series III)  
Manufacturer's Designation: MT36  
Coupling: T  
Class: A, G, R, W, K  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/87 (Series III)  
Manufacturer's Designation: BG-11( )PD, BJ-11( )PD, BJK-11( )PD, BTW-11( )-( )PD  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 39, 41  
Shell: 22 Insert: 12, 19, 55  
Shell: 24 Insert: 57, 61  
Test or Qualification Reference: TRC-01626-00-QL/73, AFALD/PTSP Ltr 11 Aug 81, AFALD/PTSP Ltr 22 Jul 83, 83723-1038-85, 83723-327-86, 83723-205-86

**Supplier: J-Tech**

Government Designation: M83723/87 (Series III)  
Manufacturer's Designation: JT83723/87  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 07, 10, 12, 15  
Shell: 16 Insert: 14, 24  
Shell: 18 Insert: 16, 31  
Shell: 20 Insert: 19, 41  
Shell: 22 Insert: 55  
Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/88 (Series III)  
Manufacturer's Designation: BFH-17 ( )-P1V, BFH-17 ( )-( )P1D, BTH-17 ( )-( )P1D 'O' Ring  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 22 Insert: 12, 19, 55  
Test or Qualification Reference: TRC-01626-00-QL/73, TRC-01626-03-QL/76, TRC-01624-QL/73, AFALD/PTSP Ltr 22 Jul 83

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/88 (Series III)  
Manufacturer's Designation: HR-810882( ), HR-SS810882( )  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: AFALD/PTSP Ltr 23 Nov 83

**Supplier: Deutsch**

Government Designation: M83723/87 (Series III)  
Manufacturer's Designation: DBA36  
Coupling: T  
Class: A, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 14, 31  
Shell: 22 Insert: 12, 19, 55  
Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/88 (Series III)  
Manufacturer's Designation: 30K-( )-20-M3, 31K-( )-20-M2  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 07, 10, 12, 15  
Shell: 16 Insert: 14, 24  
Shell: 18 Insert: 16, 31  
Shell: 20 Insert: 19, 41  
Shell: 22 Insert: 55  
Shell: 24 Insert: 61  
Test or Qualification Reference: 83723-353-89

**Supplier: Deutsch**

Government Designation: M83723/88 (Series III)  
Manufacturer's Designation: DBC30H  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 03  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 22 Insert: 19, 55  
Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376-75

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/88 (Series III)  
Manufacturer's Designation: 70000\*-\*\*T-\*\*\*\*  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-144-90

**Supplier: Sealtron, Inc.**

Government Designation: M83723/88 (Series III)

Manufacturer's Designation: 6503-( )

Coupling: T

Class: H, N, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-1650-86

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/89 (Series III)

Manufacturer's Designation: BFH-19( )-P1B, BFH-19( )-( )P1D, BTH-19( )-( )P1D

Coupling: T

Class: H, Y

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 22 Insert: 12, 19, 55

Test or Qualification Reference: TRC-01626-00-QL/73, TRC-01626-03-QL/76, TRC-01624-QL/73, AFALD/PTSP Itr 22 Jul 83

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/89 (Series III)

Manufacturer's Designation: HR-820892( ), HR-SS820892( )

Coupling: T

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 22 Insert: 12, 19, 32, 39, 55

Test or Qualification Reference: AFALD/PTSP Itr 23 Nov 83

**Supplier: Sealtron, Inc.**

Government Designation: M83723/89 (Series III)

Manufacturer's Designation: 6505-( )

Coupling: T

Class: H, N, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 22 Insert: 19, 55

Test or Qualification Reference: 83723-1650-86

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/89 (Series III)

Manufacturer's Designation: 50K-( )-20-M3, 51K-( )-20-M2

Coupling: T

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 14, 24

Shell: 18 Insert: 16, 31

Shell: 20 Insert: 19, 41

Shell: 22 Insert: 55

Shell: 24 Insert: 61

Test or Qualification Reference: 83723-353-89

**Supplier: Deutsch**

Government Designation: M83723/89 (Series III)

Manufacturer's Designation: DBC34H

Coupling: T

Class: H, Y

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 19, 55

Test or Qualification Reference: DTR53100/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/89 (Series III)

Manufacturer's Designation: 71000\*-\*\*T-\*\*\*\*

Coupling: T

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 22 Insert: 12, 19, 32, 39, 55

Test or Qualification Reference: 83723-144-90

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/90 (Series III)

Manufacturer's Designation: 50K-( )-20-M3, 51K-( )-20-M2

Coupling: T

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 14, 24

Shell: 18 Insert: 16, 31

Shell: 20 Insert: 19, 41

Shell: 22 Insert: 55

Shell: 24 Insert: 61

Test or Qualification Reference: 83723-353-89

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/90 (Series III)  
Manufacturer's Designation: BFH-14( )-P1B, BFH-14( )-( )P1D, BTH-14( )-  
( )P1D  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 22 Insert: 12, 19, 55  
Test or Qualification Reference: TRC-01626-00-QL/73, TRC-01626-03-  
QL/76, TRC-01624-QL/73, AFALD/PTSP ltr 22 Jul 81

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/90 (Series III)  
Manufacturer's Designation: HR-805902( ), HR-SS805902( )  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Test or Qualification Reference: AFALD/PTSP ltr 23 Nov 83

**Supplier: Sealtron, Inc.**

Government Designation: M83723/90 (Series III)  
Manufacturer's Designation: 6502-( )  
Coupling: T  
Class: H, N, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 22 Insert: 19, 55  
Test or Qualification Reference: 83723-1650-86

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/91 (Series III)  
Manufacturer's Designation: 518-08  
Coupling: T  
Class: R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-408-90

**Supplier: Deutsch**

Government Designation: M83723/90 (Series III)  
Manufacturer's Designation: DBC33H, DBA33H( )  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 03  
Shell: 10 Insert: 05, 06  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 14, 31  
Shell: 22 Insert: 19, 55  
Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73, DTR51376/75

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/90 (Series III)  
Manufacturer's Designation: 69000\*-\*\*T-\*\*\*\*  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Test or Qualification Reference: 83723-144-90

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/91 (Series III)  
Manufacturer's Designation: AE833/91 ( ) S ( )  
Coupling: T  
Class: G, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/91 (Series III)  
Manufacturer's Designation: MT38G, MT38R, MT38W  
Coupling: T  
Class: G, R, W, K  
Shell: 8 Insert: 03  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Test or Qualification Reference: 83723-103-98

**Supplier: J-Tech**

Government Designation: M83723/91 (Series III)

Manufacturer's Designation: JT83723/91

Coupling: T

Class: G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/92 (Series III)

Manufacturer's Designation: 518-08

Coupling: T

Class: R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-408-90

**Supplier: J-Tech**

Government Designation: M83723/92 (Series III)

Manufacturer's Designation: JT83723/92

Coupling: T

Class: G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Deutsch**

Government Designation: M83723/93 (Series III)

Manufacturer's Designation: DL61H

Coupling: B

Class: H

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 28, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 19, 43, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73,  
DTR51318/73, DTR51376/75**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/92 (Series III)

Manufacturer's Designation: AE833/92( )p( )

Coupling: T

Class: G, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/92 (Series III)

Manufacturer's Designation: MT38G, MT38R, MT38W

Coupling: T

Class: G, R, W, K

Shell: 8 Insert: 03

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Test or Qualification Reference: 83723-103-98

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/93 (Series III)

Manufacturer's Designation: 20J-( )-40-M3, 21J-( )-40-M2

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 14, 24

Shell: 18 Insert: 16, 31

Shell: 20 Insert: 19, 41

Shell: 22 Insert: 55

Shell: 24 Insert: 61

Test or Qualification Reference: 83723-353-89

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/93 (Series III)

Manufacturer's Designation: HR-800934( ), HR-SS800934( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: AFALD/PTSP Itr 23 Nov 83



**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/93 (Series III)

Manufacturer's Designation: 69000\*\*\*B\*\*C\*

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-144-90

**Supplier: American Micro Products, Inc.**

Government Designation: M83723/94 (Series III)

Manufacturer's Designation: 50J-( )-40-M3, 51J-( )-40-M2

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 10, 12, 15

Shell: 16 Insert: 14, 24

Shell: 18 Insert: 16, 31

Shell: 20 Insert: 19, 41

Shell: 22 Insert: 55

Shell: 24 Insert: 61

Test or Qualification Reference: 83723-353-89

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/94 (Series III)

Manufacturer's Designation: HR-800945( ), HR-SS800945( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: AFALD/PTSP Itr 23 Nov 83

**Supplier: Sealtron, Inc.**

Government Designation: M83723/94 (Series III)

Manufacturer's Designation: ( )6615-( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-1650-86

**Supplier: Sealtron, Inc.**

Government Designation: M83723/93 (Series III)

Manufacturer's Designation: ( )6612-( )

Coupling: T

Class: H, N, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-1650-86

**Supplier: Deutsch**

Government Designation: M83723/94 (Series III)

Manufacturer's Designation: DL64H

Coupling: B

Class: H

Shell: 8 Insert: 03

Shell: 10 Insert: 05, 06

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 28, 41

Shell: 22 Insert: 19, 55

Shell: 24 Insert: 19, 61

Test or Qualification Reference: DTR51300/73, DTR51317/73, DTR51318/73, DTR51376/75

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/94 (Series III)

Manufacturer's Designation: 71000\*\*\*B\*\*C\*

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-144-90

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/95 (Series III)

Manufacturer's Designation: AE833/95( )S( )

Coupling: T

Class: A, G, K, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/95 (Series III)

Manufacturer's Designation: MT37

Coupling: T

Class: A, G, R, W, K

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/95 (Series III)

Manufacturer's Designation: 71050K-\*\*-\*\*SN

Coupling: T

Class: A, G, K, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-098-96

**Supplier: J-Tech**

Government Designation: M83723/95 (Series III)

Manufacturer's Designation: JT83723/95

Coupling: T

Class: A, G, K, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/96 (Series III)

Manufacturer's Designation: MT37

Coupling: T

Class: A, G, R, W, K

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/95 (Series III)

Manufacturer's Designation: BG-12( )SD, BJ-12( )SD, BJK-12( )SD, BT12( )SD

Coupling: T

Class: A, G, K, R

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: TRC-01626-CC-QL/73, TRC-01624-QL/73, AFALD/PTSP Itr 11 Aug 81, AFALD/PTSP Itr 22 Jul 83, 83723-86, 83723-1038-85, 83723-173-91

**Supplier: ITT Cannon**

Government Designation: M83723/95 (Series III)

Manufacturer's Designation: HTMF06

Coupling: T

Class: G, K

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 19, 55

Test or Qualification Reference: AFALD/PTSP Itr 4 Oct 82

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/96 (Series III)

Manufacturer's Designation: AE833/96( )P( )

Coupling: T

Class: A, G, K, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/96 (Series III)  
Manufacturer's Designation: BG-12( )SD, BJ-12( )SD, BJK-12( )SD, BT( )SD  
Coupling: T  
Class: A, G, K, R  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16  
Shell: 22 Insert: 12, 19, 55  
Shell: 24 Insert: 57, 61  
Test or Qualification Reference: TRC-01626-CC-QL/73, TRC-01624-QL/73, AFALD/PTSP ltr 11 Aug 81, AFALD/PTSP ltr 22 JUL 83, 83723-327-86, 93723-1038-85, 83723-173-91

**Supplier: ITT Cannon**

Government Designation: M83723/96 (Series III)  
Manufacturer's Designation: HTMF06  
Coupling: T  
Class: G, K  
Shell: 8 Insert: 03  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 07, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 14, 31  
Shell: 22 Insert: 19, 32, 55  
Test or Qualification Reference: AFALD/PTSP ltr 4 Oct 82

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/97 (Series III)  
Manufacturer's Designation: AE833/97( )S( )  
Coupling: T  
Class: N, S  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-035-95

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/97 (Series III)  
Manufacturer's Designation: 71060K-\*\*-\*\*SN  
Coupling: T  
Class: N, S  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Test or Qualification Reference: 83723-098-96

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/96 (Series III)  
Manufacturer's Designation: 71050K-\*\*-\*\*T-\*\*-\*\*PN  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-098-96

**Supplier: J-Tech**

Government Designation: M83723/96 (Series III)  
Manufacturer's Designation: JT83723/96  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 19, 32, 39, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/97 (Series III)  
Manufacturer's Designation: BNK-12F( )SD, BTK-12F( )SD  
Coupling: T  
Class: N, S  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 39, 41  
Shell: 22 Insert: 12, 19, 55  
Shell: 24 Insert: 57, 61  
Test or Qualification Reference: 83723-20-93

**Supplier: ITT Cannon**

Government Designation: M83723/97 (Series III)  
Manufacturer's Designation: C141/73  
Coupling: T  
Class: S  
Shell: 10 Insert: 05  
Shell: 12 Insert: 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 21  
Test or Qualification Reference: C141/73

**Supplier: J-Tech**

Government Designation: M83723/97 (Series III)

Manufacturer's Designation: JT83723/97

Coupling: T

Class: N, S

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/98 (Series III)

Manufacturer's Designation: BNK-12F( )PD, BTK-12F( )PD

Coupling: T

Class: N, S

Shell: 8 Insert: 03, 98

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 39, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 57, 61

Test or Qualification Reference: 83723-20-93

**Supplier: ITT Cannon**

Government Designation: M83723/98 (Series III)

Manufacturer's Designation: MF6

Coupling: T

Class: S

Shell: 10 Insert: 05

Shell: 12 Insert: 12

Shell: 14 Insert: 04, 07, 15

Shell: 16 Insert: 24

Shell: 18 Insert: 31

Test or Qualification Reference: C141/73

**Supplier: Aero Electric Connector, Inc.**

Government Designation: M83723/98 (Series III)

Manufacturer's Designation: AE833/97( )P( )

Coupling: T

Class: N, S

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-035-95

**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/98 (Series III)

Manufacturer's Designation: 71060K-\*\*T-\*\*PN

Coupling: T

Class: N, S

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 04, 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 25, 28, 29, 41

Shell: 22 Insert: 12, 19, 32, 39, 55

Test or Qualification Reference: 83723-098-96

**Supplier: J-Tech**

Government Designation: M83723/98 (Series III)

Manufacturer's Designation: JT83723/98

Coupling: T

Class: N, S

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 06, 20

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 12, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 20 Insert: 16, 25, 28, 39, 41

Shell: 22 Insert: 19, 32, 39, 55

Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-062-97

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## Manufacturer and Supplier Location Information

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**Manufacturer: Aero Electric Connector, Inc. (CAGE Code: 59976)**

Location: 548 Amapola Avenue, Torrance, CA 90501, US

Plant Location: Same Address as Manufacturer

**Assembly Plant Locations:**

1. A.E. Petsche Company, Inc., CAGE CODE: 1F242, 2112 West Division, Arlington, TX 76012, US
2. Airtechnics, Inc., 3851 North Webb Road, Wichita, KS 67226, US
3. Avnet EMG, 2200 William D. Tate Avenue, Grapevine, TX 76051, US
4. BTC Electronic Components, Inc., 2709 Connector Drive, Wake Forest, NC 27587, US
5. Benchmark Connector Corp., 4501 N.W. 103rd Avenue, Suite 101, Sunrise, FL 33351, US
6. Circular Connectors, 3250 Corte Malpaso, Camarillo, CA 93012, US
7. Conesys Europe, Aero Electric Connectors, Symbol: F, 20 Avenue Jean Monnet, 31770 Colomiers, France
8. Electronic Connector Corp., 6332 5. Central Avenue, Chicago, IL 60638, US

**Manufacturer: American Micro Products, Inc. (CAGE Code: 0GAC8)**

Location: 4288 Armstrong Boulevard, Batavia, OH 45103-1600, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Amphenol Aerospace/Amphenol Connectors (CAGE Code: 77820)**

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

Plant Location: Same Address as Manufacturer

**Manufacturer: Amphenol Aerospace/Matrix Connectors (CAGE Code: 14283)**

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

**Plant Locations:**

1. Same Address as Manufacturer
2. Amphenol Aerospace/Amphenol Connectors (Mexico), Productos De Memoria, SA de CV, Parque Industrial San Ramon, APDO Postal 205-A, Nogales, Sonora, Mexico 84000

**Assembly Plant Locations:**

1. Amphenol Japan, Ltd., Symbol: APJ, 471-1 Deba, Ritto-shi, Shiga-Ken 520-3041, Japan
2. Arrow PEMCO, 9801 Legler Road, Lenexa, KS 66219, US
3. Avnet EMG, 2200 William D. Tate Avenue, Grapevine, TX 76051, US
4. PEI Genesis, 1915 North Bendix Drive, South Bend, IN 46628, US
5. Powell Electronics, Inc., Symbol \*, 200 Commodore Drive, Logan Township, NJ 08085-1270, US
6. T.T.I., Inc., 2601 Sylvania Cross Drive, Fort Worth, TX 76137, US

**Manufacturer: Amphenol Aerospace/Pyle-National Connectors (CAGE Code: 49367)**

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

Plant Location: Same Address as Manufacturer

**Assembly Plant Locations:**

1. Avnet EMG, 2200 William D. Tate Avenue, Grapevine, TX 76051, US
2. Pyle-National, Ltd., Sherbrook Road, Daybrook, Nottingham NG5 6AT, England

**Manufacturer: Deutsch (CAGE Code: 11139)**

Location: Engineered Connecting Devices, 250 Eddie Jones Way, Oceanside, CA 92058, US

**Plant Locations:**

1. Same Address as Manufacturer
2. Deutsch ECD, Kilometer 127.86 Mexicali Tecate Federal Road, Tecate, Baja California, Mexico

**Assembly Plant Locations:**

1. Airtechnics, Inc., 3851 N. Webb Road, Wichita, KS 67226, US
2. Arrow Electronics, Inc., Symbol: X, Blvd. Luis Donaldo Colosio, #1179 Interior Entre Calle 5 de Febreo y Calle General Victoriano Huerto, Nogales, Sonora, Mexico CP 84048
3. Astrex Electronics, Inc., 205 Express Street, Plainview, NY 11803, US
4. CPN Electronics, 4880 N. Hiatus Road, Sunrise, FL 33351, US
5. Deutsch Electronics Components Marketing, Symbol: DECM, P.O. Box 5010, 2 Haofe Street, South Industrial Zone, Ashkelon 78150, Israel
6. Deutsch, Ltd., Imberhorne Nay, East Grinstead, West Sussex RH191RN, England
7. Electro Enterprises, Inc., 3601 N. I-35, Oklahoma City, OK 73111, US
8. Unicor-Department of Justice, Federal Prison Industries, Box 1680, Black Canyon Road, Phoenix, AZ 85029, US

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

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

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**Manufacturer and Supplier Location Information**

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Plant Location: Same Address as Manufacturer

**Manufacturer: Hermetic Seals Corp. (CAGE Code: 04820)**

Location: 4232 Temple City Boulevard, Rosemead, CA 91770-1592, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Hi-Rel Connectors, Inc. (CAGE Code: 34222)**

Location: 760 N. Wharton Drive, Claremont, CA 91711, US

Plant Location: Same Address as Manufacturer

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

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

Plant Location: Same Address as Manufacturer

Assembly Plant Location: Avnet EMG, 2200 William D. Tate Avenue, Grapevine, TX 76051, US

**Manufacturer: J-Tech (CAGE Code: 0BW78)**

Location: 1631 East St. Andrews Place, Santa Ana, CA 92705, US

Plant Location: Same Address as Manufacturer

Distributor Location: Wings Electro Sales Company, Inc., CAGE Code: 1CK36, 11300 Fortune Circle, Wellington, FL 33414, US

**Manufacturer: Raychem Corporation (CAGE Code: 06090)**

Location: 300 Constitution Avenue, Menlo Park, CA 94025, US

Plant Locations:

1. Same Address as Manufacturer
2. Raychem Corporation (Mexico), Tyco Tijuana, Avenida Produccion #20, Park Industrial, Mesa de Otay, Tijuana, BC, Mexico CP 22390

**Manufacturer: Sealtron, Inc. (CAGE Code: 97814)**

Location: 9705 Reading Road, Cincinnati, OH 45215-3592, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Sunbank Electronics, Inc. (CAGE Code: 07418)**

Location: 1740 Commerce Way, Paso Robles, CA 93446, US

Plant Location: Same Address as Manufacturer