



QUALIFICATIONS VALIDATED  
EVERY 12 MONTHS

QPL-83723-59  
27-Dec-02  
SUPERSEDING  
QPL-83723-58  
31-Dec-01

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER DETAIL SPECIFICATION  
MIL-DTL-83723  
CONNECTORS, ELECTRICAL (CIRCULAR, ENVIRONMENT RESISTING), RECEPTACLES AND PLUGS,  
GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the procurement of products covered by Specification MIL-DTL-83723. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the Supplier from compliance with the specification requirements.

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

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. An example of the government designation is illustrated below:



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 Series I connectors have been superseded by, and transferred to MIL-C-26482, as set forth in MIL-DTL-83723.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 Series II connectors are inactive for new design and are superseded by military standards of MIL-C-5015 as set forth in MIL-DTL-83723.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.

**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: (M, (B, (A, B, A  
 Shell: 10 Component Designation: (M, (B, (A, B, A  
 Shell: 12 Component Designation: (M, (B, (A, B, A  
 Shell: 14 Component Designation: (C, (B, (A, B, A  
 Shell: 16 Component Designation: (C, (B, (A, B, A  
 Shell: 18 Component Designation: (M, (B, (A, B, A  
 Shell: 20 Component Designation: (M, (B, (A, B, A  
 Shell: 22 Component Designation: (M, (B, (A, B, A  
 Shell: 24 Component Designation: (M, (B, (A, B, A  
 Test or Qualification Reference: 5030/72, 5034/73

**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: M83723/18 (Series II)  
Manufacturer's Designation: CVAIR( ), CV0R( (-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: M83723/19 (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: M83723/20 (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: M83723/21 (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: M83723/23 (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: 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: (M, (B, (A, B, A  
Shell: 10 Component Designation: (M, (B, (A, B, A  
Shell: 11 Component Designation: (M, (B, (A, B, A  
Shell: 12 Component Designation: (M, (B, (A, B, A  
Shell: 13 Component Designation: (M, (B, (A, B, A  
Shell: 14 Component Designation: (M, (B, (A, B, A  
Shell: 15 Component Designation: (M, (B, (A, B, A  
Shell: 16 Component Designation: (M, (B, (A, B, A  
Shell: 17 Component Designation: (M, (B, (A, B, A  
Shell: 18 Component Designation: (M, (B, (A, B, A  
Shell: 20 Component Designation: (M, (B, (A, B, A  
Shell: 22 Component Designation: (M, (B, (A, B, A  
Shell: 24 Component Designation: (M, (B, (A, B, A  
Shell: 28 Component Designation: (M, (B, (A, B, A  
Shell: 32 Component Designation: (M, (B, (A, B, A  
Shell: 36 Component Designation: (M, (B, (A, B, A  
Shell: 40 Component Designation: (M, (B, (A, B, A  
Test or Qualification Reference: 5030/72, 5034/72

**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: 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: A, S, N  
Shell: 10 Component Designation: A, S, N  
Shell: 11 Component Designation: A, S, N  
Shell: 12 Component Designation: S, N  
Shell: 13 Component Designation: S, A, 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: A, S, N  
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: B, A, R  
Shell: 10 Component Designation: B, A, R  
Shell: 11 Component Designation: B, A, R  
Shell: 12 Component Designation: B, A, R  
Shell: 13 Component Designation: B, A, R  
Shell: 15 Component Designation: B, A, R  
Shell: 16 Component Designation: B, A, R  
Shell: 17 Component Designation: B, A, R  
Shell: 18 Component Designation: B, A, R  
Shell: 20 Component Designation: B, A, R  
Shell: 22 Component Designation: B, A, R  
Shell: 24 Component Designation: B, A, R  
Shell: 28 Component Designation: B, A, R  
Test or Qualification Reference: Q83723-2/74

**Note: Inactive for new design**

**Supplier: ITT Cannon**

Government Designation: M83723/35 (Series II)  
Manufacturer's Designation: 057  
Class: A, R  
Shell: 8 Component Designation: S, N, A  
Shell: 10 Component Designation: S  
Shell: 11 Component Designation: S, N, A  
Shell: 13 Component Designation: S, N, A  
Shell: 15 Component Designation: S, N, A  
Shell: 16 Component Designation: S, N, A  
Shell: 17 Component Designation: S, N, A  
Shell: 18 Component Designation: S, N, A  
Shell: 20 Component Designation: S, N, A  
Shell: 22 Component Designation: S, N, A  
Shell: 24 Component Designation: S, N, A  
Shell: 28 Component Designation: S, N, A  
Shell: 32 Component Designation: S, N, A  
Shell: 36 Component Designation: S, N, A  
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: R, N, C  
Shell: 10 Termination Style: R, N, C  
Shell: 12 Termination Style: R, N, C  
Shell: 14 Termination Style: R, N, C  
Shell: 16 Termination Style: R, N, C  
Shell: 18 Termination Style: R, N, C  
Shell: 20 Termination Style: R, N, C  
Shell: 22 Termination Style: R, N, C  
Shell: 24 Termination Style: R, N, C  
Test or Qualification Reference: AFALD/LOIEP Ltr 8 Jun 77

**Note: Threaded Coupling**

**Supplier: Glenair, Inc.**

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

Manufacturer's Designation: GeASA-

Class: A, R, W

Shell: 8 Termination Style: R, N, C

Shell: 10 Termination Style: R, N, C

Shell: 12 Termination Style: R, N, C

Shell: 14 Termination Style: R, N, C

Shell: 16 Termination Style: R, N, C

Shell: 18 Termination Style: R, N, C

Shell: 20 Termination Style: R, N, C

Shell: 22 Termination Style: R, N, C

Shell: 24 Termination Style: R, N, C

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

**Note: Bayonet Coupling**

**Supplier: Glenair, Inc.**

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

Manufacturer's Designation: G8453-

Class: A, R, W

Shell: 8 Termination Style: R, N, C

Shell: 10 Termination Style: R, N, C

Shell: 12 Termination Style: R, N, C

Shell: 14 Termination Style: R, N, C

Shell: 16 Termination Style: R, N, C

Shell: 18 Termination Style: R, N, C

Shell: 20 Termination Style: R, N, C

Shell: 22 Termination Style: R, N, C

Shell: 24 Termination Style: 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: Glenair, Inc.**

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

Manufacturer's Designation: GeASS-

Class: A, R

Shell: 8 Termination Style: R, N, C

Shell: 10 Termination Style: R, N, C

Shell: 12 Termination Style: R, N, C

Shell: 14 Termination Style: R, N, C

Shell: 16 Termination Style: R, N, C

Shell: 18 Termination Style: R, N, C

Shell: 20 Termination Style: R, N, C

Shell: 22 Termination Style: R, N, C

Shell: 24 Termination Style: R, N, C

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

**Note: Treaded Coupling**

**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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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, 24  
Test or Qualification Reference: 83723-227-93

**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/Matrix Connectors**

Government Designation: M83723/71 (Series III)  
Manufacturer's Designation: MB30  
Coupling: B  
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: M83723/71 (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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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/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/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/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/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: 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/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: M83723/75 (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 ltr 29 Sep 81

**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: 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: 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/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: 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: 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: 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: 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: 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: 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/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: 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: 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: M83723/79 (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: 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: 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: Deutch**

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  
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: 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 ltr 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: 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 ltr 11 Aug 81, AFALD/PTSP ltr 22 Jul 83, 83723-1038-85, 83723-327-86, 83723-205-86

**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 ltr 18 Feb 83

**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 ltr 4 Oct 82

**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 ltr 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: 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: 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/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 ltr  
 11 Aug 81, AFALD/PTSP ltr 22 Jul 83, 83723-1038-85, 83723-327-86,  
 83723-205-86

**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/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: 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: 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: 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: 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: 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: 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: 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/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: 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: 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: 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: 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: 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: M83723/86 (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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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 ltr 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 ltr 23 Nov 83

**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: 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: 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: 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: 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: Deutsch**

Government Designation: M83723/90 (Series III)  
Manufacturer's Designation: DBC33H, DBA33H( )  
Coupling: T  
Class: H, Y  
Shell: 8 Insert: 03  
Shell: 10 Insert: 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: 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: 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: 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: 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/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: 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 ltr 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: M83723/93 (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: 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: 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: 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/Pyle National Connectors**

Government Designation: M83723/95 (Series III)  
Manufacturer's Designation: BG-12( )SD, BJ-12( )SD, BJK-12( )SD, B12( )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, 83723-386, 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: 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: 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: 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, B12( )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, 83723-327-86, 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 Itr 4 Oct 82

**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: 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-\*\*T-\*\*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: 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: 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

**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

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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. Aeroflite Enterprises, Inc., 261 Gemini Avenue, Brea, CA 92821, 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. Avnet/Electro Air, 500 Lake Ridge Drive, Smyrna, GA 30082, US
5. Avnet/Time Electronics, 10-A Centennial Drive, Peabody, MA 01960, US
6. BTC Electronic Components, Inc., 58C9 Departure Drive, Raleigh, NC 27604, US
7. Benchmark Connector Corp., 4503 N.W. 103 rd Avenue, Bay 4, Sunrise, FL 33351, US
8. Circular Connectors, 3250 Corte Malpaso, Camarillo, CA 93012, US
9. Conesys Europe, Aero Electric Connectors, Symbol: F, 24 Avenue J Monnet, 31770 Colomiers, France
10. 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 Matrix Business Unit, 7077-H Consolidated Way, San Diego, CA 92121, US

**Assembly Plant Locations:**

1. Amphenol Japan, K.K., 689-1 Nogami Iseochi, Ritto-Cho, Shiga-Ken 520-30, Japan
2. Arrow PEMCO, 9801 Legler Road, Lenexa, KS 66219, US
3. Avnet EMG, 2200 William D. Tate Avenue, Grapevine, TX 76051, US
4. Avnet/Time Electronics, 10-A Centennial Drive, Peabody, MA 01960, US
5. Powell Electronics, Inc., South Island, Enterprise Avenue, Philadelphia, PA 19153, US
6. T.T.I., Inc., 4033 E. Belknap Street, Fort Worth, TX 76111, 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/Electro Air, 500 Lake Ridge Drive, S.E., Smyrna, GA 30082, US
2. Pyle-National, 431 Madrid Avenue, Torrance, CA 90501, US
3. Pyle-National, Ltd., Sherbrook Road, Daybrook, Nottingham NG5 6AT, England

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

Location: Engineered Connecting Devices, 5733 W. Whittier Avenue, Hemet, CA 92545, US

**Plant Locations:**

1. Same Address as Manufacturer
2. Deutsch (Oceanside, CA), Municipal Airport, Oceanside, CA 92054, US

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## Manufacturer and Supplier Location Information

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### Assembly Plant Locations:

1. Airtechnics, Inc., 230 Ida, Wichita, KS 67211, US
2. Arrow, Symbol: R, 10871 La Tuna Canyon Road, Sun Valley, CA 91352, US
3. Deutsch Dagan, Ltd., P.O. Box 5010, Ashkelon 78150, Israel
4. Deutsch, Ltd., Imberhorne Nay, East Grinstead, West Sussex RH191RN, England
5. 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

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 Locations:

1. Arrow Electronics, Inc., 5465 East Evans Place, Denver, CO 80222, US
2. Avnet EMG, 2200 William D. Tate Avenue, Grapevine, TX 76051, US
3. Avnet/Electro Air, 500 Lake ridge Drive, S.E., Smyrna, GA 30082, US
4. Avnet/Time Electronics, 10-A Centennial Drive, Peabody, MA 01960, US
5. ITT Cannon, Canada, Division of ITT Cannon, Whitby, Ontario, LINSV8, Canada

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

Location: 14251 Franklin Avenue, Tustin, CA 92680, 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 Location: Same Address as Manufacturer

### **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 Nay, Paso Robles, CA 93446, US

Plant Location: Same Address as Manufacturer