

**Specification Details:**

Specification: MIL-DTL-83723  
 Title: Connectors, Electrical, Circular, Environment Resisting, Receptacles and Plugs  
 Federal Supply Class (FSC): 5935  
 Conventional: Yes  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: Yes  
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No  
 Weibull Graded: No  
 Specification contains space level reliability requirements: No  
 Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-8367, e-mail: vqp.es@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-2867, e-mail: vqp.ab@dla.mil

**Notes:**

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 Series I connectors have been superseded by, and transferred to MIL-C-26482, as set forth in MIL-DTL-83723.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 Series II connectors are inactive for new design and are superseded by military standards of MIL-C-5015 as set forth in MIL-DTL-83723.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

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

**Part Configuration:**

M83723/72W808N

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

**PART LISTINGS**

**Supplier: Glenair, Inc.**

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

**Supplier: Sunbank Electronics, Inc.**

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

**Supplier: TE Connectivity TJ Operations**

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

**Supplier: TE Connectivity TJ Operations**

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

**Supplier: ITT Cannon**

Government Designation: M83723/17 (SERIES II)

CV1R( (-113, CVAIR( (

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: 148/75; C110/73; C116/73; C43/73; SC000/-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/19 (SERIES II)

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: 148/75; C116/73; C11C/73; C43/73; SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/21 (SERIES II)

CV2R( )-113, CVA2R( )

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: 148/75; C116/73; C11C/73; C43/73; SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/18 (SERIES II)

CV0R( (-113, CVAIR( )

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: 148/75; C110/73; C116/73; C43/73; SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/20 (SERIES II)

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: 148-75; C116/73; C11C/73; C43/73; SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/22 (SERIES II)

CV2R( )-113, CVA2R( )

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: 148/75; C116/73; C11C/73; C43/73; SC0008-200DR

**Supplier: ITT Cannon**

Government Designation: M83723/23 (SERIES II)  
CV2R( )-113, CVA2R( )  
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: 148/75; C116/73; C11C/73; C43/73;  
SC0008-200DR

**Supplier: Glenair, Inc.**

Government Designation: M83723/27 (SERIES II)  
02619  
Boot Configuration: M  
Shell: 8 Component Design: (M  
Shell: 10 Component Design: (M  
Shell: 11 Component Design: (M  
Shell: 12 Component Design: (M  
Shell: 13 Component Design: (M  
Shell: 14 Component Design: (M  
Shell: 15 Component Design: (M  
Shell: 16 Component Design: (M  
Shell: 17 Component Design: (M  
Shell: 18 Component Design: (M  
Shell: 20 Component Design: (M  
Shell: 22 Component Design: (M  
Shell: 24 Component Design: (M  
Shell: 28 Component Design: (M  
Shell: 32 Component Design: (M  
Shell: 36 Component Design: (M  
Shell: 40 Component Design: (M  
Test or Qualification Reference: Q83723-1/73  
**Note: Inactive for new design**

**Supplier: TE Connectivity TJ Operations**

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

**Supplier: ITT Cannon**

Government Designation: M83723/24 (SERIES II)  
CV6R( )-113, CVA6R( )  
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: 148/75; C116/73; C11C/73; C43/73;  
SC0008-200DR

**Supplier: Sunbank Electronics, Inc.**

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

**Supplier: TE Connectivity TJ Operations**

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

**Supplier: Glenair, Inc.**

Government Designation: M83723/35 (SERIES II)

G62981

Class: R

Shell: 8 Component Design: A, N, S  
Shell: 10 Component Design: A, N, S  
Shell: 11 Component Design: A, N, S  
Shell: 12 Component Design: N, S  
Shell: 13 Component Design: A, N, S  
Shell: 15 Component Design: A, N, S  
Shell: 16 Component Design: A, N, S  
Shell: 17 Component Design: A, N, S  
Shell: 18 Component Design: A, N, S  
Shell: 20 Component Design: A, N, S  
Shell: 22 Component Design: A, N, S  
Shell: 24 Component Design: A, N, S  
Shell: 28 Component Design: A, N, S  
Shell: 32 Component Design: A, N, S  
Shell: 36 Component Design: A, N, S  
Shell: 40 Component Design: A, N, S

Test or Qualification Reference: 83723-096-98

**Note: Inactive for new design**

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

Government Designation: M83723/37 (SERIES I)

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)

GTR

Class: A, N

Shell: 8 Component Design: A, B, R  
Shell: 10 Component Design: A, B, R  
Shell: 11 Component Design: A, B, R  
Shell: 12 Component Design: A, B, R  
Shell: 13 Component Design: A, B, R  
Shell: 15 Component Design: A, B, R  
Shell: 16 Component Design: A, B, R  
Shell: 17 Component Design: A, B, R  
Shell: 18 Component Design: A, B, R  
Shell: 20 Component Design: A, B, R  
Shell: 22 Component Design: A, B, R  
Shell: 24 Component Design: A, B, R  
Shell: 28 Component Design: A, B, R

Test or Qualification Reference: Q83723-2/74

**Note: Inactive for new design**

**Supplier: Glenair, Inc.**

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

GeASA-

Class: A, R, W

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

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

**Note: Bayonet Coupling**

**Supplier: ITT Cannon**

Government Designation: M83723/35 (SERIES II)

057

Class: A, R

Shell: 8 Component Design: A, N, S  
Shell: 10 Component Design: S  
Shell: 11 Component Design: A, N, S  
Shell: 13 Component Design: A, N, S  
Shell: 15 Component Design: A, N, S  
Shell: 16 Component Design: A, N, S  
Shell: 17 Component Design: A, N, S  
Shell: 18 Component Design: A, N, S  
Shell: 20 Component Design: A, N, S  
Shell: 22 Component Design: A, N, S  
Shell: 24 Component Design: A, N, S  
Shell: 28 Component Design: A, N, S  
Shell: 32 Component Design: A, N, S  
Shell: 36 Component Design: A, N, S  
Shell: 40 Component Design: N, S

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

**Supplier: Deutsch**

Government Designation: M83723/37 (SERIES I)

88009

Class: A, R, W

Shell: 8 Insert: 03, 04

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

**Note: Inactive for new design**

**Supplier: Glenair, Inc.**

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

G8A56-

Class: A, R, W

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

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

**Note: Threaded Coupling**

**Supplier: Glenair, Inc.**

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

GeASS-

Class: A, R, W

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

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

**Note: Treaded Coupling**

**Supplier: Glenair, Inc.**

Government Designation: M83723/60-2 (SERIES III)  
G8453-

Class: A, R, W

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

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

**Note: Bayonet Coupling**

**Supplier: Glenair, Inc.**

Government Designation: M83723/61-2 (SERIES III)  
G8458

Class: A, R, W

Shell: 8  
Shell: 10  
Shell: 12  
Shell: 14  
Shell: 16  
Shell: 18  
Shell: 20  
Shell: 22  
Shell: 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)  
MQ36

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/67 (SERIES III)  
MQ36

Class: A, G, R, W

Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61

Test or Qualification Reference: 83723-103-98

**Supplier: Glenair, Inc.**

Government Designation: M83723/61-1 (SERIES III)  
DRPCS )

Class: A, R, W

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

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

**Note: Threaded Coupling**

**Supplier: Deutsch**

Government Designation: M83723/65 (SERIES III)  
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: 51317/73; 51318/73; 51364/74;  
51463/77; DTR51300/73

**Supplier: J-Tech**

Government Designation: M83723/66 (SERIES III)  
JT8372366

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

Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61

Test or Qualification Reference: 83723-062-97

**Supplier: J-Tech**

Government Designation: M83723/67 (SERIES III)  
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)  
AE83368 ( )  
Class: A, G, R, W  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-175-96

**Supplier: J-Tech**

Government Designation: M83723/68 (SERIES III)  
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  
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: M83723/69 (SERIES III)  
MQ35  
Class: A, G, R, W  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723-103-98

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

Government Designation: M83723/70 (SERIES III)  
AE83370( )  
Class: A, G, R, W  
Shell: 10 Insert: , , ,  
Shell: 12 Insert: ,  
Shell: 14 Insert: , , ,  
Shell: 16 Insert: ,  
Shell: 18 Insert: , ,  
Shell: 20 Insert: , , , ,  
Shell: 22 Insert: , , , ,  
Shell: 24 Insert: , , ,  
Test or Qualification Reference: 83723-175-96

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/68 (SERIES III)  
MQ35  
Class: A, G, R, W  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 55  
Shell: 24 Insert: 43, 57, 61  
Test or Qualification Reference: 83723-103-98

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

Government Designation: M83723/69 (SERIES III)  
AE83369 ( )  
Class: A, G, R, W  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-175-96

**Supplier: J-Tech**

Government Designation: M83723/69 (SERIES III)  
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 Component Design: 12, 3  
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)  
2500-  
Class: A, G, R, W  
Shell: 10  
Shell: 12  
Shell: 14  
Shell: 16  
Shell: 18  
Shell: 20  
Shell: 22  
Shell: 24  
Test or Qualification Reference: 83723-103-98

**Supplier: Glenair, Inc.**

Government Designation: M83723/70 (SERIES III)  
 G583723/70 ( )  
 Class: A, G, R, W  
 Shell: 8  
 Shell: 10  
 Shell: 12  
 Shell: 14  
 Shell: 16  
 Shell: 18  
 Shell: 20  
 Shell: 22  
 Shell: 24

Test or Qualification Reference: 83723-227-93

**Supplier: Sunbank Electronics, Inc.**

Government Designation: M83723/70 (SERIES III)  
 S2A1C  
 Class: A, G, R, W  
 Shell: 10  
 Shell: 12  
 Shell: 20  
 Shell: 22

Test or Qualification Reference: 2750 AFB/ESP Itr 8 Aug 83

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/71 (SERIES III)  
 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/Pyle National Connectors**

Government Designation: M83723/71 (SERIES III)  
 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: J-Tech**

Government Designation: M83723/70 (SERIES III)  
 JT83723/70  
 Class: A, G, R, W  
 Shell: 8  
 Shell: 10  
 Shell: 12  
 Shell: 14  
 Shell: 16  
 Shell: 18  
 Shell: 20  
 Shell: 22  
 Shell: 24

Test or Qualification Reference: 83723-062-97

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

Government Designation: M83723/71 (SERIES III)  
 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)  
 MB30  
 Coupling: B  
 Class: A, G, K, 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: M83723/71 (SERIES III)  
 DL60  
 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: 51317/73; 51318/73; 51376/75;  
 DTR51300/73

**Supplier: Deutsch**

Government Designation: M83723/71 (SERIES III)  
 DL60  
 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: RMS Company**

Government Designation: M83723/71 (SERIES III)  
 R0735 ( )  
 Coupling: B  
 Class: A, 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: 43, 57, 61  
 Test or Qualification Reference: 83723-3478-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/72 (SERIES III)  
 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/Pyle National Connectors**

Government Designation: M83723/72 (SERIES III)  
 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: J-Tech**

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

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

Government Designation: M83723/72 (SERIES III)  
 AE833/72( )P( )  
 Coupling: B  
 Class: A, G, R, W  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Shell: 24 Insert: 19, 43, 57, 61  
 Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/72 (SERIES III)  
 MB30  
 Coupling: B  
 Class: A, G, K, 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: M83723/72 (SERIES III)  
 DL60  
 Coupling: B  
 Class: A, R, W  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 12, 19, 32, 55  
 Shell: 24 Insert: 19, 43, 57, 61  
 Test or Qualification Reference: DTR51308/73; DTR51317/73;  
 DTR51318/73; DTR51376/75



**Supplier: Deutsch**

Government Designation: M83723/72 (SERIES III)

DL60

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 Itr 29 Sep 81

**Supplier: J-Tech**

Government Designation: M83723/72 (SERIES III)

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: RMS Company**

Government Designation: M83723/72 (SERIES III)

R0735 ( )

Coupling: B

Class: A, 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: 43, 57, 61

Test or Qualification Reference: 83723-3478-12

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

Government Designation: M83723/73 (SERIES III)

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)

518-13R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 02, 03, 98

Shell: 10 Insert: 02, 05, 20

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

Test or Qualification Reference: 83723-408-90

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/73 (SERIES III)

MB34

Coupling: B

Class: A, G, K, 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: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/73 (SERIES III)

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: Deutsch**

Government Designation: M83723/73 (SERIES III)

DL64

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: DTR/51376/75; DTR51300/73;  
DTR51317/73; DTR51318/73

**Supplier: J-Tech**

Government Designation: M83723/73 (SERIES III)  
 JT83723/73  
 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: M83723/74 (SERIES III)  
 AE833/74( )P( )  
 Coupling: B  
 Class: A, G, R, W  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Shell: 24 Insert: 19, 43, 57, 61  
 Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/74 (SERIES III)  
 MB34  
 Coupling: B  
 Class: A, G, K, 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)  
 DL64  
 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: RMS Company**

Government Designation: M83723/73 (SERIES III)  
 R0741 ( )  
 Coupling: B  
 Class: A, 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: 43, 57, 61  
 Test or Qualification Reference: 83723-3478-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/74 (SERIES III)  
 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)  
 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)  
 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: RMS Company**

Government Designation: M83723/74 (SERIES III)  
R0741 ( )  
Coupling: B  
Class: A, 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: 43, 57, 61  
Test or Qualification Reference: 83723-3478-12

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

Government Designation: M83723/75 (SERIES III)  
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)  
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: M83723/75 (SERIES III)  
MB36  
Coupling: B  
Class: A, G, K, 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: M83723/75 (SERIES III)  
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)  
DL66  
Coupling: B  
Class: G  
Shell: 14 Insert: 04  
Shell: 16 Insert: 24  
Shell: 18 Insert: 31  
Shell: 20 Insert: 41  
Shell: 22 Insert: 55  
Test or Qualification Reference: AFALD/PTSP Itr 29 Sep 81

**Supplier: Deutsch**

Government Designation: M83723/75 (SERIES III)  
DL66  
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)  
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: RMS Company**

Government Designation: M83723/75 (SERIES III)  
R0734 ( )  
Coupling: B  
Class: A, 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: 43, 57, 61  
Test or Qualification Reference: 83723-3478-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/76 (SERIES III)  
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: M83723/76 (SERIES III)  
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)  
DL66  
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: Aero Electric Connector, Inc.**

Government Designation: M83723/76 (SERIES III)  
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/Matrix Connectors**

Government Designation: M83723/76 (SERIES III)  
MB36  
Coupling: B  
Class: A, G, K, 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: M83723/76 (SERIES III)  
DL66  
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: J-Tech**

Government Designation: M83723/76 (SERIES III)  
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: RMS Company**

Government Designation: M83723/76 (SERIES III)  
R0734 ( )  
Coupling: B  
Class: A, 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: 43, 57, 61  
Test or Qualification Reference: 83723-3478-12

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

Government Designation: M83723/77 (SERIES III)  
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)  
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)  
MB38  
Coupling: B  
Class: G, K, 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)  
DL68  
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)  
DL68  
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)  
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: RMS Company**

Government Designation: M83723/77 (SERIES III)  
R0733 ( )  
Coupling: B  
Class: A, 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: 43, 57, 61  
Test or Qualification Reference: 83723-3478-12

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

Government Designation: M83723/78 (SERIES III)  
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)  
MB38  
Coupling: B  
Class: G, K, 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)  
DL68  
Coupling: B  
Class: G  
Shell: 16 Insert: 24  
Shell: 20 Insert: 39  
Shell: 22 Insert: 32  
Test or Qualification Reference: DTR51463/77

**Supplier: RMS Company**

Government Designation: M83723/78 (SERIES III)  
R0733 ( )  
Coupling: B  
Class: A, 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: 43, 57, 61  
Test or Qualification Reference: 83723-3478-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/78 (SERIES III)  
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)  
DL68  
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)  
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: American Micro Products, Inc.**

Government Designation: M83723/79 (SERIES III)  
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: Deutsch**

Government Designation: M83723/79 (SERIES III)

DL6O

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)

70000\*-B-\*\*\*\*

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

Test or Qualification Reference: 83723-144-90

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

Government Designation: M83723/80 (SERIES III)

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)

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: Hermetic Seals Corp.**

Government Designation: M83723/79 (SERIES III)

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 Itr 23 Nov 83

**Supplier: Sealtron, Inc.**

Government Designation: M83723/79 (SERIES III)

6603(-)

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

Test or Qualification Reference: 83723-1650-86

**Supplier: Deutsch**

Government Designation: M83723/80 (SERIES III)

DL61

Coupling: B

Class: H, Y

Shell: 8 Insert: 03

Shell: 10 Insert: 05, 06, 20

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

Shell: 20 Insert: 16, 28, 41

Shell: 22 Insert: 12, 19, 55

Shell: 24 Insert: 19, 43, 61

Test or Qualification Reference: DTR51300/73; DTR51317/73;  
DTR51318/73; DTR51376/75**Supplier: Hi-Rel Connectors, Inc.**

Government Designation: M83723/80 (SERIES III)

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: Sealtron, Inc.**

Government Designation: M83723/80 (SERIES III)  
 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: Deutsch**

Government Designation: M83723/81 (SERIES III)  
 DL64  
 Coupling: B  
 Class: H, Y  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 28, 41  
 Shell: 22 Insert: 12, 19, 55  
 Shell: 24 Insert: 19, 43, 61  
 Test or Qualification Reference: DTR51300/73; DTR51317/73;  
 DTR51318/73

**Supplier: Sealtron, Inc.**

Government Designation: M83723/81 (SERIES III)  
 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)  
 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: American Micro Products, Inc.**

Government Designation: M83723/81 (SERIES III)  
 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: Hermetic Seals Corp.**

Government Designation: M83723/81 (SERIES III)  
 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)  
 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)  
 MT30  
 Coupling: T  
 Class: A, G, K, N, R, S, 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)

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: 83723-1038-85; 83723-205-86; 83723-327-86; AFALD/PTSP Itr 11 Aug 81; AFALD/PTSP Itr 22 Jul 83; TRC-01626-00-QL/73

**Supplier: Deutsch**

Government Designation: M83723/82 (SERIES III)

DBA30

Coupling: T

Class: G

Shell: 16 Insert: 24

Shell: 20 Insert: 25, 28

Shell: 22 Insert: 12, 32

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

**Supplier: ITT Cannon**

Government Designation: M83723/82 (SERIES III)

HTMF00

Coupling: T

Class: G, K

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 19, 55

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

**Supplier: J-Tech**

Government Designation: M83723/82 (SERIES III)

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: Deutsch**

Government Designation: M83723/82 (SERIES III)

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: AFALD/PTSP Itr 18 Feb 83; DTR51300/73; DTR51317/73; DTR51318/73; DTR51376/75

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

Government Designation: M83723/82 (SERIES III)

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)

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: RMS Company**

Government Designation: M83723/82 (SERIES III)

R0737 ( )

Coupling: T

Class: A, 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: 43, 57, 61

Test or Qualification Reference: 83723-3589-12

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

Government Designation: M83723/83 (SERIES III)  
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)  
MT30  
Coupling: T  
Class: A, G, K, N, R, S, 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)  
DBA30  
Coupling: T  
Class: A, R, W  
Shell: 8 Insert: 03, 98  
Shell: 10 Insert: 05  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 14, 31  
Shell: 22 Insert: 12, 19, 55  
Test or Qualification Reference: DTR51300/73; DTR51317/73;  
DTR51318/73; DTR51376/75

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

Government Designation: M83723/83 (SERIES III)  
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  
Shell:  
Test or Qualification Reference: 83723-098-96

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/83 (SERIES III)  
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)  
BT( )-17( )SD, BTK-17E( )PD, 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: 83723-1038-85; 83723-205-86; 83723-327-86; AFALD/PTSP Itr 11 Aug 81; AFALD/PTSP Itr 22 Jul 83; TRC-01626-00-QL/73

**Supplier: Deutsch**

Government Designation: M83723/83 (SERIES III)  
DBA30  
Coupling: T  
Class: G  
Shell: 20 Insert: 25, 28  
Shell: 22 Insert: 12, 32  
Test or Qualification Reference: 51317/73; 51318/73; 51376/75;  
DTR51300/73

**Supplier: ITT Cannon**

Government Designation: M83723/83 (SERIES III)  
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)  
 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: RMS Company**

Government Designation: M83723/83 (SERIES III)  
 R0737 ( )  
 Coupling: T  
 Class: K, S  
 Shell: 10 Insert: 20  
 Shell: 12 Insert: 03  
 Shell: 14 Insert: 04, 07  
 Shell: 16 Insert: 10  
 Shell: 18 Insert: 08, 14  
 Shell: 20 Insert: 16  
 Shell: 22 Insert: 12, 19  
 Test or Qualification Reference: 83723-3209-11

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

Government Designation: M83723/84 (SERIES III)  
 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/Matrix Connectors**

Government Designation: M83723/84 (SERIES III)  
 MT34  
 Coupling: T  
 Class: A, G, K, N, R, S, 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: J-Tech**

Government Designation: M83723/83 (SERIES III)  
 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: RMS Company**

Government Designation: M83723/83 (SERIES III)  
 R0737 ( )  
 Coupling: T  
 Class: A, 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: 43, 57, 61  
 Test or Qualification Reference: 83723-3589-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/84 (SERIES III)  
 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)  
 BT( )-19( )SD, BTK-19E( )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: 83723-1038-85; 83723-205-86; 83723-327-86; AFALD/PTSP ltr 11 Aug 81; AFALD/PTSP ltr 22 Jul 83; TRC-01626-00-QL/73

**Supplier: Deutsch**

Government Designation: M83723/84 (SERIES III)

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: CTR51373/75; DTR51300/73;

DTR51317/73; DTR51318/73

**Supplier: J-Tech**

Government Designation: M83723/84 (SERIES III)

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)

AE833/85( )P( )

Coupling: T

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

Shell: 8 Insert: 02, 03, 98

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 06, 14, 31

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

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

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

Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/85 (SERIES III)

MT34

Coupling: T

Class: A, G, K, N, R, S, 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: ITT Cannon**

Government Designation: M83723/84 (SERIES III)

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: RMS Company**

Government Designation: M83723/84 (SERIES III)

R0742 ( )

Coupling: T

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: 43, 57, 61

Test or Qualification Reference: 93723-3589-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/85 (SERIES III)

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: M83723/85 (SERIES III)

BT( )-19( )PD, BTK-19E( )PD, BTN-19e( )PD, BTW-19( )-( )PD

Coupling: T

Class: A, G, K, 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: 83723-1038-85; 83723-205-86; 83723-327-86; AFALD/PTSP Itr 11 Aug 81; AFALD/PTSP Itr 22 Jul 83; TRC-01626-00-QL/73

**Supplier: Deutsch**

Government Designation: M83723/85 (SERIES III)  
 DBA34  
 Coupling: T  
 Class: A, R, W  
 Shell: 8 Insert: 03, 98  
 Shell: 10 Insert: 05  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 15  
 Shell: 16 Insert: 24  
 Shell: 18 Insert: 14, 31  
 Shell: 22 Insert: 12, 19, 55  
 Test or Qualification Reference: DTR51300/73; DTR51317/73;  
 DTR51318/73; DTR51376/75

**Supplier: J-Tech**

Government Designation: M83723/85 (SERIES III)  
 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: Aero Electric Connector, Inc.**

Government Designation: M83723/86 (SERIES III)  
 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)  
 MT36  
 Coupling: T  
 Class: A, G, K, 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: ITT Cannon**

Government Designation: M83723/85 (SERIES III)  
 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: RMS Company**

Government Designation: M83723/85 (SERIES III)  
 R0742 ( )  
 Coupling: T  
 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: 43, 57, 61  
 Test or Qualification Reference: 83723-3589-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/86 (SERIES III)  
 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)  
 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: 83723-1038-85; 83723-205-86; 83723-327-86; AFALD/PTSP Ltr 11 Aug 81; AFALD/PTSP Ltr 22 Jul 83; TRC-01626-00-QL/73

**Supplier: Deutsch**

Government Designation: M83723/86 (SERIES III)  
 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: RMS Company**

Government Designation: M83723/86 (SERIES III)  
 R0743 ( )  
 Coupling: T  
 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: 43, 57, 61  
 Test or Qualification Reference: 83723-3589-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/87 (SERIES III)  
 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)  
 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: 83723-1038-85; 83723-205-86; 83723-327-86; AFALD/PTSP Ltr 11 Aug 81; AFALD/PTSP Ltr 22 Jul 83; TRC-01626-00-QL/73

**Supplier: J-Tech**

Government Designation: M83723/86 (SERIES III)  
 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: Aero Electric Connector, Inc.**

Government Designation: M83723/87 (SERIES III)  
 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)  
 MT36  
 Coupling: T  
 Class: A, G, K, 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: M83723/87 (SERIES III)  
 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)  
 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  
 Shell: 24  
 Test or Qualification Reference: 83723-062-97

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

Government Designation: M83723/88 (SERIES III)  
 30K-( )-20-M3, 31K-( )-20-M2  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 07, 10, 12, 15  
 Shell: 16 Insert: 14, 24  
 Shell: 18 Insert: 16, 31  
 Shell: 20 Insert: 19, 41  
 Shell: 22 Insert: 55  
 Shell: 24 Insert: 61  
 Test or Qualification Reference: 83723-353-89

**Supplier: Deutsch**

Government Designation: M83723/88 (SERIES III)  
 DBC30  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 05  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 22 Insert: 19, 55  
 Test or Qualification Reference: DTR51300/73; DTR51317/73;  
 DTR51318/73; DTR51376-75

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

Government Designation: M83723/88 (SERIES III)  
 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: RMS Company**

Government Designation: M83723/87 (SERIES III)  
 R0743 ( )  
 Coupling: T  
 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: 43, 57, 61  
 Test or Qualification Reference: 83723-3589-12

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

Government Designation: M83723/88 (SERIES III)  
 BFH-17 ( )-( )P1D, BFH-17 ( )-P1V, 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: AFALD/PTSP Ltr 22 Jul 83; TRC-0162  
 QL/73; TRC-01626-00-QL/73; TRC-01626-03-QL/76

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/88 (SERIES III)  
 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: Sealtron, Inc.**

Government Designation: M83723/88 (SERIES III)  
 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: American Micro Products, Inc.**

Government Designation: M83723/89 (SERIES III)  
 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)  
 DBC34  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 05  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 14, 31  
 Shell: 22 Insert: 19, 55  
 Test or Qualification Reference: DTR51317/73; DTR51318/73;  
 DTR51376/75; DTR53100/73

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

Government Designation: M83723/89 (SERIES III)  
 71000\*-\*T-\*\*\*\*  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Test or Qualification Reference: 83723-144-90

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

Government Designation: M83723/90 (SERIES III)  
 50K-( )-20-M3, 51K-( )-20-M2  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 07, 10, 12, 15  
 Shell: 16 Insert: 14, 24  
 Shell: 18 Insert: 16, 31  
 Shell: 20 Insert: 19, 41  
 Shell: 22 Insert: 55  
 Shell: 24 Insert: 61  
 Test or Qualification Reference: 83723-353-89

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

Government Designation: M83723/89 (SERIES III)  
 BFH-19( )-( )P1D, BFH-19( )-P1B, 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: AFALD/PTSP ltr 22 Jul 83; TRC-0162-  
 QL/73; TRC-01626-00-QL/73; TRC-01626-03-QL/76

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/89 (SERIES III)  
 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: Sealtron, Inc.**

Government Designation: M83723/89 (SERIES III)  
 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)  
 BFH-14( )-( )P1D, BFH-14( )-P1B, 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: AFALD/PTSP ltr 22 Jul 81; TRC-0162-  
 QL/73; TRC-01626-00-QL/73; TRC-01626-03-QL/76



**Supplier: Deutsch**

Government Designation: M83723/90 (SERIES III)  
 DBA33, DBC33  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 05, 06  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 15  
 Shell: 16 Insert: 24  
 Shell: 18 Insert: 14, 31  
 Shell: 22 Insert: 19, 55  
 Test or Qualification Reference: DTR51300/73; DTR51317/73;  
 DTR51318/73; DTR51376/75

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

Government Designation: M83723/90 (SERIES III)  
 69000\*\_\*T-\*\*\*\*  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Test or Qualification Reference: 83723-144-90

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

Government Designation: M83723/91 (SERIES III)  
 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)  
 MT38G, MT38R, MT38W  
 Coupling: T  
 Class: G, K, 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: 43, 57, 61  
 Test or Qualification Reference: 83723-103-98

**Supplier: Hermetic Seals Corp.**

Government Designation: M83723/90 (SERIES III)  
 HR-805902( ), HR-SS805902( )  
 Coupling: T  
 Class: H, Y  
 Shell: 8 Insert: 02, 03, 98  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Test or Qualification Reference: AFALD/PTSP ltr 23 Nov 83

**Supplier: Sealtron, Inc.**

Government Designation: M83723/90 (SERIES III)  
 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)  
 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)  
 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: RMS Company**

Government Designation: M83723/91 (SERIES III)  
R0744 ( )  
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: 43, 57, 61  
Test or Qualification Reference: 83723-3589-12

**Supplier: Amphenol Aerospace/Amphenol Connectors**

Government Designation: M83723/92 (SERIES III)  
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)  
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: American Micro Products, Inc.**

Government Designation: M83723/93 (SERIES III)  
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: Aero Electric Connector, Inc.**

Government Designation: M83723/92 (SERIES III)  
AE833/92( )p( )  
Coupling: T  
Class: G, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-035-95

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/92 (SERIES III)  
MT38G, MT38R, MT38W  
Coupling: T  
Class: G, K, 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: 43, 57, 61  
Test or Qualification Reference: 83723-103-98

**Supplier: RMS Company**

Government Designation: M83723/92 (SERIES III)  
R0744 ( )  
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: 43, 57, 61  
Test or Qualification Reference: 83723-3589-12

**Supplier: Deutsch**

Government Designation: M83723/93 (SERIES III)  
DL61  
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: Hermetic Seals Corp.**

Government Designation: M83723/93 (SERIES III)

HR-800934( ), HR-SS800934( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

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

**Supplier: Sealtron, Inc.**

Government Designation: M83723/93 (SERIES III)

()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)

DL64

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)

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: Hi-Rel Connectors, Inc.**

Government Designation: M83723/93 (SERIES III)

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)

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)

HR-800945( ), HR-SS800945( )

Coupling: B

Class: H, Y

Shell: 8 Insert: 02, 03, 98

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

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

**Supplier: Sealtron, Inc.**

Government Designation: M83723/94 (SERIES III)

()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: Aero Electric Connector, Inc.**

Government Designation: M83723/95 (SERIES III)  
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)  
BG-12( )SD, BJ-12( )SD, BJK-12( )SD, BT( )-12( )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: 83723-1038-85; 83723-173-91; 83723-327-86; AFALD/PTSP Itr 11 Aug 81; AFALD/PTSP Itr 22 Jul 83; TRC-01624-QL/73; TRC-01626-CC-QL/73

**Supplier: ITT Cannon**

Government Designation: M83723/95 (SERIES III)  
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: RMS Company**

Government Designation: M83723/95 (SERIES III)  
R0736 ( )  
Coupling: T  
Class: K  
Shell: 10 Insert: 20  
Shell: 12 Insert: 03  
Shell: 14 Insert: 04, 07  
Shell: 16 Insert: 10  
Shell: 18 Insert: 08, 14  
Shell: 20 Insert: 16  
Shell: 22 Insert: 12, 19  
Test or Qualification Reference: 83723-3209-11

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/95 (SERIES III)  
MT37  
Coupling: T  
Class: A, G, K, 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: Hi-Rel Connectors, Inc.**

Government Designation: M83723/95 (SERIES III)  
71050K-\*\*T-\*\*SN  
Coupling: T  
Class: A, G, K, R, W  
Shell: 8 Insert: 02, 03, 98  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: 83723-098-96

**Supplier: J-Tech**

Government Designation: M83723/95 (SERIES III)  
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: RMS Company**

Government Designation: M83723/95 (SERIES III)  
R0736 ( )  
Coupling: T  
Class: A, 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: 43, 57, 61  
Test or Qualification Reference: 83723-3589-12

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

Government Designation: M83723/96 (SERIES III)

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)

BG-12( )SD, BJ-12( )SD, BJK-12( )SD, BT( )-12( )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: 83723-173-91; 83723-327-86; 93723-1038-85; AFALD/PTSP ltr 11 Aug 81; AFALD/PTSP ltr 22 JUL 83; TRC-01624-QL/73; TRC-01626-CC-QL/73

**Supplier: ITT Cannon**

Government Designation: M83723/96 (SERIES III)

HTMF06

Coupling: T

Class: G, K

Shell: 8 Insert: 03

Shell: 10 Insert: 05

Shell: 12 Insert: 03, 12

Shell: 14 Insert: 07, 15

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 14, 31

Shell: 22 Insert: 19, 32, 55

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

**Supplier: RMS Company**

Government Designation: M83723/96 (SERIES III)

R0736 ( )

Coupling: T

Class: A, 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: 43, 57, 61

Test or Qualification Reference: 83723-3589-12

**Supplier: Amphenol Aerospace/Matrix Connectors**

Government Designation: M83723/96 (SERIES III)

MT37

Coupling: T

Class: A, G, K, 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: Hi-Rel Connectors, Inc.**

Government Designation: M83723/96 (SERIES III)

71050K-\*\*T-\*\*PN

Coupling: T

Class: A, G, K, R, W

Shell: 8 Insert: 02, 03, 98

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

Test or Qualification Reference: 83723-098-96

**Supplier: J-Tech**

Government Designation: M83723/96 (SERIES III)

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: RMS Company**

Government Designation: M83723/96 (SERIES III)

R0736 ( )

Coupling: T

Class: K

Shell: 10 Insert: 20

Shell: 12 Insert: 03

Shell: 14 Insert: 04, 07

Shell: 16 Insert: 10

Shell: 18 Insert: 08, 14

Shell: 20 Insert: 16

Shell: 22 Insert: 12, 19

Test or Qualification Reference: 83723-3209-11

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

Government Designation: M83723/97 (SERIES III)  
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)  
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)  
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: 19, 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)  
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: Amphenol Aerospace/Pyle National Connectors**

Government Designation: M83723/97 (SERIES III)  
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)  
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: RMS Company**

Government Designation: M83723/97 (SERIES III)  
R0736 ( )  
Coupling: T  
Class: N, S  
Shell: 10 Insert: 20  
Shell: 12 Insert: 03  
Shell: 14 Insert: 04, 07  
Shell: 16 Insert: 10  
Shell: 18 Insert: 08, 14  
Shell: 20 Insert: 16  
Shell: 22 Insert: 12, 19  
Test or Qualification Reference: 83723-3209-11

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

Government Designation: M83723/98 (SERIES III)  
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: Hi-Rel Connectors, Inc.**

Government Designation: M83723/98 (SERIES III)  
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)  
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: ITT Cannon**

Government Designation: M83723/98 (SERIES III)  
MF6  
Coupling: T  
Class: S  
Shell: 10 Insert: 05  
Shell: 12 Insert: 12  
Shell: 14 Insert: 04, 07, 15  
Shell: 16 Insert: 24  
Shell: 18 Insert: 31  
Test or Qualification Reference: C141/73

**Supplier: RMS Company**

Government Designation: M83723/98 (SERIES III)  
R0736 ( )  
Coupling: T  
Class: N, S  
Shell: 10 Insert: 20  
Shell: 12 Insert: 03  
Shell: 14 Insert: 04, 07  
Shell: 16 Insert: 10  
Shell: 18 Insert: 08, 14  
Shell: 20 Insert: 16  
Shell: 22 Insert: 12, 19  
Test or Qualification Reference: 83723-3209-11

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**Manufacturer and Supplier Location Information**

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

Location: 2280 208th Street, Torrance, CA 90501, US

**Assembly Plants:**

1. A.E. Petsche Company, Inc., Boulevard Luis Donaldo Colosio #1179, Entre 5 de Febrero y General Victoriano Huerta, Colonia Obrera, Nogales, Sonora 84020, Mexico
2. Astrex Electronics, 205 Express Street, Plainview, NY 11803, US
3. Avnet, Inc., Calzada Industrial Nuevo Nogales, Av. Libre Comercio y Av. De La Tecnologia, #1601 Parque Industrial Nuevo Nogales, Nogales, Sonora, Mexico C.P. 84094
4. Benchmark Connector Corp., 4501 N.W. 103rd Avenue, Suite 101, Sunrise, FL 33351, US
5. BTC Electronic Components, Inc., 2709 Connector Drive, Wake Forest, NC 27587, US
6. Circular Connectors, 3250 Corte Malpaso, Camarillo, CA 93012, US
7. Conesys Europe, Aero Electric Connectors, Symbol: F, 20 Avenue Jean Monnet, 31770 Colomiers, France
8. Conesys Mexico, Calle Los Olivos 2000 Tempranillo, Parque Industrial El Bajio, Tecate, Baja California 21430, Mexico
9. Electronic Connector Corp., 6332 5. Central Avenue, Chicago, IL 60638, US
10. Interstate Connecting Components, Inc. (Symbol: ICC), 120 Mount Holly Bypass, Lumberton, NJ 08048, US
11. Mil Tech Electronics, 11438 Cronridge Drive, Suite D, Owings Mills, MD 21117, USA
12. Wesco Aircraft (Symbol: A), 3851 North Webb Road, Wichita, KS 67226, US

**Plants:**

1. Plant: Same Address as Manufacturer

**Authorized Distributors:**

1. Conesys Mexico, Calle Los Olivos 2000 Tempranillo, Parque Industrial El Bajio, Tecate, Baja California 21430, Country Category C Distributor
1. Mil Tech Electronics, 11438 Cronridge Drive, Suite D, Owings Mills, MD 21117,

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

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

**Plants:**

1. Plant: Same Address as Manufacturer

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

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

**Plants:**

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

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

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

**Plants:**

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

**Authorized Distributors:**

1. Aeroflite Enterprises, Inc., 261 Gemini Avenue, Brea, CA 92821, US
2. Amphenol Japan, Ltd., 471-1 Deba, Ritto-shi, 520-3041, Shiga, Japan
3. Arrow Electronics, Boulevard Luis Donaldo Colosio #1179, Colonia Obrera, Nogales, Sonora, Mexico CP 84048
4. Avnet, Inc., Calzada Industrial Nuevo Nogales  
Entre Ave. Libre Comercio y Ave. De La Tecnologia #1061  
Nogales, Sonora, Mexico, C.P. 84094, Mexico
5. BJB Electronics, Inc., Symbol: BJB, 141 Remington Boulevard, Ronkonkoma, NY 11779-6911, US
6. PEI Genesis, 4747 W. Cleveland Road, South Bend, IN 46628, US
7. Powell Electronics, Inc., 200 Commodore Drive, Logan Township, NJ 08085, US
8. TTI, 2601 Sylvania Cross Drive, Fort Worth, TX 76137, US
9. Wesco Aircraft, Electronics Products Group, 3851 N. Webb Road, Wichita, KS 67226, US

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

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

**Plants:**

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

**Authorized Distributors:**

1. Amphenol Ltd. (Pyle National), Whitstable, Kent CT5 3JF, United Kingdom
2. Avnet, Inc., Mariposa Industrial Park #1, 1481 N. Industrial Park, Suite #2, Nogales, AZ 85621, US



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**Manufacturer and Supplier Location Information**

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

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

## Assembly Plants:

1. Arrow Electronics, Inc., Symbol: X, Blvd. Luis Donaldo Colosio, #1179 Interior Entre Calle 5 de Febreo y Calle General Victoriano Huerto, Nogales, Sonora, Mexico CP 84048
2. Astrex Electronics, Inc., 205 Express Street, Plainview, NY 11803, US
3. Compagnie Deutsch Distribution, Aeroparc Saint-Martin, 12 rue Caulet, 31300 Toulouse, France
4. CPN/DENELEX Group, 4880 N. Hiatus Road, Sunrise, FL 33351, US
5. Deutsch, Ltd., Imberhorne Nay, East Grinstead, West Sussex RH191RN, England
6. Electro Enterprises, Inc., 3601 N. I-35, Oklahoma City, OK 73111, US
7. Interstate Connecting Components, 120 Mount Holly Bypass, Lumberton, NJ 08048, US
8. TTI, Inc., 2601 Sylvania Cross Drive, Forth Worth, TX 76137, US

## Plants:

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

## Authorized Distributors:

1. Arrow Electronics DLC, Dirk Hartogweg 8, 5928 LV Venlo, The Netherlands
2. Avnet, Inc., Calzada Industrial Nuevo Nogales #1061, Nogales, Sonora. CP 84000, Mexico
3. PEI Genesis, 4747 W. Cleveland Road, South Bend, IN 46628, US
4. Powell Electronics Inc., 200 Commodore Drive, Logan Township, NJ 08085, USA

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

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

## Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Hermetic Seal Corporation (CAGE Code: 04820)**

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

## Plants:

1. Plant: Same Address as Manufacturer

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

Location: 760 W. Wharton Drive, Claremont, CA 91711-4800, US

## Plants:

1. Plant: Same Address as Manufacturer

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

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

## Assembly Plants:

1. Avnet, Inc., Mariposa Industrial Park #1, 1481 N. Industrial Park, Suite #2, Nogales, AZ 85621, US

## Plants:

1. Plant: Same Address as Manufacturer
2. ITT Cannon de Mexico, SA de CV, Avenida del Libre Comercio S/N, Entre Calzada Industrial Nuevo Nogales y Calzada del Raquet Club, Col. Parque Industrial Nuevo Nogales, Nogales, Sonora C.P. 84093, Mexico

**Manufacturer: Joslyn Sunbank Company (CAGE Code: 07418)**

Location: 1740 Commerce Nay, Paso Robles, CA 93446-3620, US

## Plants:

1. Plant: Same Address as Manufacturer

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

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

## Plants:

1. Plant: Same Address as Manufacturer

## Authorized Distributors:

1. KAPCO, 11300 Fortune Circle, Wellington, FL 33414, US

**Manufacturer: RMS Company (CAGE Code: 41118)**

Location: 8600 Evergreen Boulevard, Minneapolis, MN 55433, US

## Plants:

1. Plant: Same Address as Manufacturer

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**Manufacturer and Supplier Location Information**

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

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

## Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: TE Connectivity TJ Operations (CAGE Code: 06090)**

Location: Avenida Produccion #20, Parque Industrial, Mesa de Otay, Tijuana, BC, Mexico CP 22390

## Plants:

1. Plant: Same Address as Manufacturer