

**Specification Details:**

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

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-8367, 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 Series I connectors have been superseded by, and transferred to MIL-C-26482, as set forth in MIL-DTL-83723.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 Series II connectors are inactive for new design and are superseded by military standards of MIL-C-5015 as set forth in MIL-DTL-83723.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: M83723/18 (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: M83723/19 (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: M83723/20 (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: M83723/21 (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: M83723/22 (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: Tyco Electronics Corporation, TE Connectivity-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: Tyco Electronics Corporation, TE Connectivity-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  
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 ltr 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: 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: RMS Company**

Government Designation: M83723/71 (SERIES III)  
R0735 ( )  
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: 83723-3478-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

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

**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: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/71 (SERIES III)  
DL60S  
Coupling: B  
Class: G  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 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: DTR51463/77

**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: 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, 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: 83723-3478-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/72 (SERIES III)  
83760R, DL60R  
Coupling: B  
Class: A, R, W  
Shell: 8 Insert: 03  
Shell: 10 Insert: 02, 05, 06, 20  
Shell: 12 Insert: 03, 12  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 16 Insert: 10, 24  
Shell: 18 Insert: 08, 14, 31  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Shell: 24 Insert: 19, 43, 57, 61  
Test or Qualification Reference: DTR51308/73; DTR51317/73;  
DTR51318/73; DTR51376/75

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/72 (SERIES III)  
DL60S  
Coupling: B  
Class: G  
Shell: 14 Insert: 04, 07, 12, 15  
Shell: 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: AFALD/PTSP ltr 29 Sep 81

**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: 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: RMS Company**

Government Designation: M83723/73 (SERIES III)  
 R0741 ( )  
 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: 83723-3478-12

**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: 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: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/73 (SERIES III)  
 83764R, DL64R  
 Coupling: B  
 Class: A, R, W  
 Shell: 8 Insert: 03  
 Shell: 10 Insert: 02, 05, 06, 20  
 Shell: 12 Insert: 03, 12  
 Shell: 14 Insert: 04, 07, 12, 15  
 Shell: 16 Insert: 10, 24  
 Shell: 18 Insert: 08, 14, 31  
 Shell: 20 Insert: 16, 25, 28, 39, 41  
 Shell: 22 Insert: 12, 19, 32, 39, 55  
 Shell: 24 Insert: 19, 43, 57, 61  
 Test or Qualification Reference: DTR/51376/75; DTR51300/73;  
 DTR51317/73; DTR51318/73

**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: RMS Company**

Government Designation: M83723/74 (SERIES III)  
 R0741 ( )  
 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: 83723-3478-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/74 (SERIES III)

DL64R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

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

DTR51318/73; DTR51376/75

**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/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: RMS Company**

Government Designation: M83723/75 (SERIES III)

R0734 ( )

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: 83723-3478-12

**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/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: 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: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/75 (SERIES III)

DL66R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

Test or Qualification Reference: DTR51300/73

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/75 (SERIES III)

DL66S

Coupling: B

Class: G

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

Shell: 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: AFALD/PTSP ltr 29 Sep 81

**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/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/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: 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: 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, 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: 83723-3478-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/76 (SERIES III)

DL66R

Coupling: B

Class: A, R, W

Shell: 8 Insert: 03

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

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

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/76 (SERIES III)

DL66S

Coupling: B

Class: G

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

Shell: 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: DTR51463/77

**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: 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: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/77 (SERIES III)

DL68S

Coupling: B

Class: G

Shell: 16 Insert: 10, 24

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

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

Test or Qualification Reference: DTR51463/77

**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/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: RMS Company**

Government Designation: M83723/77 (SERIES III)

R0733 ( )

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: 83723-3478-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/77 (SERIES III)

DL68R

Coupling: B

Class: R, W

Shell: 8 Insert: 03

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

Shell: 12 Insert: 03, 12

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

Shell: 16 Insert: 10, 24

Shell: 18 Insert: 08, 14, 31

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

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

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

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

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

Government Designation: M83723/78 (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: RMS Company**

Government Designation: M83723/78 (SERIES III)  
R0733 ( )  
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: 83723-3478-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-Deutsch**

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

**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: 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: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/78 (SERIES III)  
DL68S  
Coupling: B  
Class: G  
Shell: 16 Insert: 10, 24  
Shell: 20 Insert: 16, 25, 28, 39, 41  
Shell: 22 Insert: 12, 19, 32, 39, 55  
Test or Qualification Reference: DTR51463/77

**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: 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: 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: 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: Tyco Electronics Corporation, TE Connectivity-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: 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: 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: Tyco Electronics Corporation, TE Connectivity-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: 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 Itr 23 Nov 83

**Supplier: Tyco Electronics Corporation, TE Connectivity-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: 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: 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: 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: 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: 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: Tyco Electronics Corporation, TE Connectivity-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-\*\*\*T-\*\*\*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)

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: RMS Company**

Government Designation: M83723/82 (SERIES III)

R0737 ( )

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: 83723-3589-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-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: 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: 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: 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: 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 ltr 11 Aug 81; AFALD/PTSP ltr 22 Jul 83; TRC-01626-00-QL/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 ltr 4 Oct 82

**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, 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: 83723-3589-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-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: 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: Tyco Electronics Corporation, TE Connectivity-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: 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: 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: 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: Tyco Electronics Corporation, TE Connectivity-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: 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: RMS Company**

Government Designation: M83723/84 (SERIES III)  
R0742 ( )  
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: 93723-3589-12

**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: M83723/85 (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: 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: Tyco Electronics Corporation, TE Connectivity-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: 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: RMS Company**

Government Designation: M83723/85 (SERIES III)  
 R0742 ( )  
 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: 83723-3589-12

**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: 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: RMS Company**

Government Designation: M83723/86 (SERIES III)  
 R0743 ( )  
 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: 83723-3589-12

**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: 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: Tyco Electronics Corporation, TE Connectivity-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: 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: RMS Company**

Government Designation: M83723/87 (SERIES III)  
 R0743 ( )  
 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: 83723-3589-12

**Supplier: Tyco Electronics Corporation, TE Connectivity-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: 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-01624-  
QL/73; TRC-01626-00-QL/73; TRC-01626-03-QL/76**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: Tyco Electronics Corporation, TE Connectivity-Deutsch**

Government Designation: M83723/88 (SERIES III)

DBC30

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: 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: 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: 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: 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 Itr 22 Jul 83; TRC-01624-QL/73; TRC-01626-00-QL/73; TRC-01626-03-QL/76

**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: Tyco Electronics Corporation, TE Connectivity-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: 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 Itr 22 Jul 81; TRC-01624-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 Itr 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: 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: 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 Itr 23 Nov 83



**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: Tyco Electronics Corporation, TE Connectivity-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: 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: 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: 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: 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: 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: 19, 43, 57, 61  
 Test or Qualification Reference: 83723-3589-12

**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: 19, 43, 57, 61  
 Test or Qualification Reference: 83723-3589-12

**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: 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: 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: 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: 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: 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: Tyco Electronics Corporation, TE Connectivity-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: Tyco Electronics Corporation, TE Connectivity-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: M83723/94 (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 ltr 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/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: 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: M83723/95 (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: 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: 83723-3589-12

**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: 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 Itr 11 Aug 81; AFALD/PTSP Itr 22 JUL 83; TRC-01624-QL/73; TRC-01626-CC-QL/73

**Supplier: ITT Cannon**

Government Designation: M83723/96 (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 Itr 4 Oct 82

**Supplier: RMS Company**

Government Designation: M83723/96 (SERIES III)  
R0736 ( )  
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: 83723-3589-12

**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: 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: 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: 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: 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: 83723-3209-11

**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: 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: 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: 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: RMS Company**

Government Designation: M83723/98 (SERIES III)

R0736 ( )

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: 83723-3209-11

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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. 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
3. Benchmark Connector Corp., 4501 N.W. 103rd Avenue, Suite 101, Sunrise, FL 33351, US
4. BTC Electronic Components, Inc., 2709 Connector Drive, Wake Forest, NC 27587, US
5. Circular Connectors, 3250 Corte Malpaso, Camarillo, CA 93012, US
6. Conesys Europe, Aero Electric Connectors, Symbol: F, 20 Avenue Jean Monnet, 31770 Colomiers, France
7. Conesys Mexico, Calle Los Olivos 2000 Tempranillo, Parque Industrial El Bajio, Tecate, Baja California 21430, Mexico
8. Electronic Connector Corp., 6332 5. Central Avenue, Chicago, IL 60638, US
9. Interstate Connecting Components, Inc. (Symbol: ICC), 120 Mount Holly Bypass, Lumberton, NJ 08048, US
10. Mil Tech Electronics, 11438 Cronridge Drive, Suite D, Owings Mills, MD 21117, USA
11. Powell Electronics, 200 Commodore Dr., Swedesboro, NJ 08085, US
12. TTI, Inc., 205 Express Street, Plainview, NY 11803, US
13. Wesco Aircraft (Symbol: A), 3851 North Webb Road, Wichita, KS 67226, US

## Plants:

1. Plant: Same Address as Manufacturer

**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 CP 84094, MX

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

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

## Assembly Plants:

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.
5. BJG Electronics, Inc., 141 Remington Boulevard, Ronkonkoma, NY 11779, 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

## Plants:

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

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

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

## Assembly Plants:

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

## Plants:

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

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

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



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**Manufacturer and Supplier Location Information**

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

Location: 1211 Air Way, Glendale, CA 91201-2497, 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: P. O. Box 929, 666 East Dyer Road, Santa Ana, CA 92705, 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, MX

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

Location: 1740 Commerce Way, 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

Assembly Plants:

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

Plants:

1. Plant: Same Address as Manufacturer

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

Location: 8600 Evergreen Boulevard, Minneapolis, MN 55433-6036, US

Assembly Plants:

1. Air Electro Inc., 9452 DeSoto Avenue, Chatsworth, CA 91313, US
2. Electro Enterprises, Inc., 3601 North I-35, Oklahoma City, OK 73111, US
3. Kapco Global, 10601 State Street, Suite 1, Tamarac, FL 33321, US
4. Pan Pacific Electronics, Inc., 17985 N.E. 65th Street, Redmond, WA 98052, US

Plants:

1. Plant: Same Address as Manufacturer

**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, CP22390, Tijuana, BC, MX

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Tyco Electronics Corporation, TE Connectivity-Deutsch (CAGE Code: 11139)**

Location: 250 Eddie Jones Way, Oceanside, CA 92054, US

Assembly Plants:

1. A.E. Petsche Company, Blvd. Luis Donaldo Colosio, #1179 Interior Entre Calle 5 de Febreo y Calle General, Victoriano Huerta, Nogales, Sonora, Mexico CP 84048,

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Tyco Electronics Corporation, TE Connectivity-Deutsch (CAGE Code: 11139)**

Location: 250 Eddie Jones Way, Oceanside, CA 92054, US

2. Arrow Electronics, Inc., Symbol: X, Blvd. Luis Donaldo Colosio, #1179 Interior Entre Calle 5 de Febreo y Calle General Victoriano Huerto, Nogales, Sonora, Mexico CP 84048
3. Avnet, Inc., Calzada Industrial Nuevo Nogales #1061, Nogales, Sonora. CP 84000, Mexico
4. BJG Electronics, Inc., 141 Remington Blvd., Ronkonkoma, NY 11779, US
5. Compagnie Deutsch Distribution, Aeroparc Saint-Martin, 12 rue Caulet, 31300 Toulouse, France
6. Deutsch India Power Connectors Pvt. Ltd., Prestige Omega, Ground Floor, EPIP 1st Phase, K.R. Puram Industrial Area, KIADB Road, Whitefield, Bangalore - 560048, India
7. Electro Enterprises Ltd., Unit 1, North Anston Business Centre, Houghton Road, Dinnington, S25 4JJ, UK
8. Electro Enterprises, Inc., 3601 N. I-35, Oklahoma City, OK 73111, US
9. Interstate Connecting Components, 120 Mount Holly Bypass, Lumberton, NJ 08048, US
10. PEI Genesis, 4747 W. Cleveland Road, South Bend, IN 46628, US
11. Powell Electronics Inc., 200 Commodore Drive, Logan Township, NJ 08085, US
12. TTI, Inc., 2601 Sylvania Cross Drive, Forth Worth, TX 76137, US
13. Wesco Aircraft, 3851 N. Webb Road, Wichita, KS 67226, US

## Plants:

1. Plant: Same Address as Manufacturer
2. Deutsch Servicios, S. DE R.L. DE C.V., Kilometer 127.86 Mexicali Tecate Fedreal Road, Tecate, Baja California, Mexico, MX