

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION  
MIL-C-28840  
CONNECTOR, ELECTRICAL, CIRCULAR THREADED,  
HIGH DENSITY, HIGH SHOCK SHIPBOARD, CLASS D  
GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the procurement of products covered by Specification MIL-C-28840. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the products as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

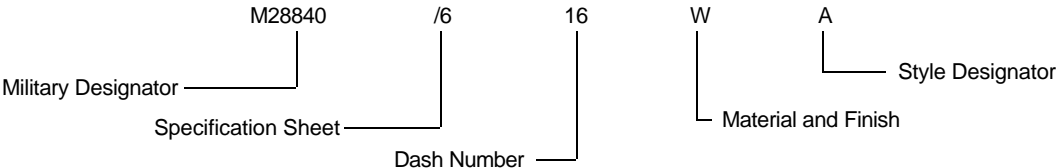
The activity responsible for this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43216-5000.

All parts listed on this QPL are available through distributors authorized by the manufacturer under military requirements. Manufacturers may be contacted for names and addresses of authorized distributors. Names and addresses of authorized assembly plants are listed on the last page of

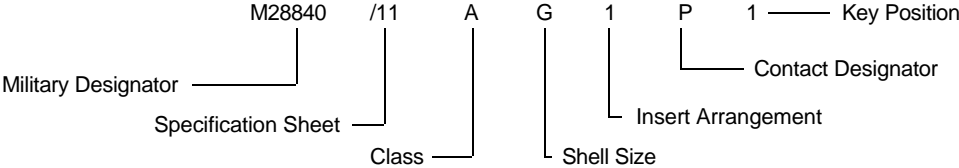
The qualified products are listed in tabular form for each manufacturer. Connectors are qualified to any combination of class and style shown. The military part number consists of alphanumeric characters formulated as shown in the following examples:



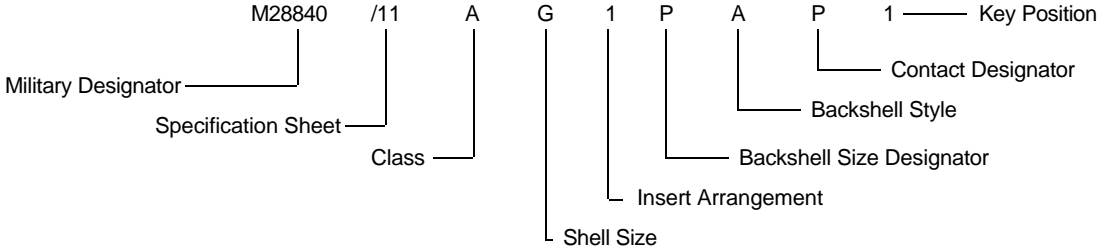
**BackShell**



**Connector**



**Connector Assembly**



**Supplier: Glenair, Inc.**

Government Designation: M28840/1 ( )  
Manufacturer's Designation: GS28840/1 ( )  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0783/9-86

**Supplier: Electro Adapter, Inc.**

Government Designation: M28840/1 ( )  
Manufacturer's Designation: 100-28840/1 ( )  
Material: W  
Shell: A, D, J  
Test or Qualification Reference: NWSC Test Report 0783/3-8-84

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/2 ( )  
Manufacturer's Designation: S1942 ( )  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/3 ( )  
Manufacturer's Designation: S1939 ( )  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: Glenair, Inc.**

Government Designation: M28840/4 ( )  
Manufacturer's Designation: GS28840/4 ( )  
Shell: 03, 04, 05, 06, 08, 10, 12, 16  
Type: AC, AE, BC, BE  
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: Glenair, Inc.**

Government Designation: M28840/5 ( )  
Manufacturer's Designation: GS28840/5 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25  
Material: W  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: Glenair, Inc.**

Government Designation: M28840/6 ( )  
Manufacturer's Designation: GS28840/6 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W, D  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: Electro Adapter, Inc.**

Government Designation: M28840/6 ( )  
Manufacturer's Designation: 100-28840/6 ( )  
Dash Numbers: 01, 08, 09, 10, 22, 23  
Material: W  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0783/3-8-84

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/1 ( )  
Manufacturer's Designation: S1941 ( )  
Material: W, D  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0384/4-22-85

**Supplier: Glenair, Inc.**

Government Designation: M28840/2 ( )  
Manufacturer's Designation: GS28840/2 ( )  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: DESC-ELSP Itr 96-9843/6-20-96

**Supplier: Glenair, Inc.**

Government Designation: M28840/3 ( )  
Manufacturer's Designation: GS28840/3 ( )  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: DESC-ELSP Itr 96-9843/6-20-96

**Supplier: Breeze-Illinois, Inc.**

Government Designation: M28840/4 ( )  
Manufacturer's Designation: BI-PRO- ( )  
Shell: 08  
Type: AC, AE, BC, BE  
Test or Qualification Reference: NWSC Test Report 768B/6-16-80

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/5 ( )  
Manufacturer's Designation: S1863 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25  
Material: W, D  
Style: A, B  
Test or Qualification Reference: MWSC Test Report 0385/4-22-85

**Supplier: Electro Adapter, Inc.**

Government Designation: M28840/5 ( )  
Manufacturer's Designation: 100-28840/5 ( )  
Dash Numbers: 01, 08, 09, 10, 23, 24  
Material: W  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0783/3-8-84

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/6 ( )  
Manufacturer's Designation: S1946 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W, D  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/7 ( )  
Manufacturer's Designation: NC07 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Glenair, Inc.**

Government Designation: M28840/7 ( )  
Manufacturer's Designation: GS28840/7 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0876/9-9-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/7 ( )  
Manufacturer's Designation: JSC7 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: Glenair, Inc.**

Government Designation: M28840/8 ( )  
Manufacturer's Designation: GS28840/8 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W  
Style: A, B  
Test or Qualification Reference: 28840-009-97

**Supplier: Glenair, Inc.**

Government Designation: M28840/9 ( )  
Manufacturer's Designation: GS28840/9 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W  
Style: A, B  
Test or Qualification Reference: 28840-009-97

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/10 ( )  
Manufacturer's Designation: NC10 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/10 ( )  
Manufacturer's Designation: JSC10 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/11 ( )  
Manufacturer's Designation: NC11 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: ITT Cannon**

Government Designation: M28840/7 ( )  
Manufacturer's Designation: KFS7 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Shell: A, B, C, E, D, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/7 ( )  
Manufacturer's Designation: 1145407 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/8 ( )  
Manufacturer's Designation: S1944 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0685/4-22-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/9 ( )  
Manufacturer's Designation: S1945 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: ITT Cannon**

Government Designation: M28840/10 ( )  
Manufacturer's Designation: KFS10 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/10 ( )  
Manufacturer's Designation: GTOA ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: ITT Cannon**

Government Designation: M28840/11 ( )  
Manufacturer's Designation: KFS11 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/11 ( )  
Manufacturer's Designation: JSC11 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/12 ( )  
Manufacturer's Designation: JSC12 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Figure: 1, 2  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: ITT Cannon**

Government Designation: M28840/12 ( )  
Manufacturer's Designation: KFS12 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Figure: 1, 2  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-147-93

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/13 ( )  
Manufacturer's Designation: S1967 ( )  
Key Position: 1, 2, 3  
Chain: A, B, C  
Material: W, D  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/14 ( )  
Manufacturer's Designation: NC14 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/14 ( )  
Manufacturer's Designation: JSC14 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/11 ( )  
Manufacturer's Designation: GT1A ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Reports 0581/2-19-82

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/12 ( )  
Manufacturer's Designation: GT2A ( ), GT22A ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Figure: 1, 2  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82, 28840-27-94

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/12 ( )  
Manufacturer's Designation: NC12 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Figure: 1, 2  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-186-93

**Supplier: Glenair, Inc.**

Government Designation: M28840/13 ( )  
Manufacturer's Designation: GS28840/13 ( )  
Chain: A, B, C  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Reports 0786/9-9-86

**Supplier: ITT Cannon**

Government Designation: M28840/14 ( )  
Manufacturer's Designation: KFS14 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/14 ( )  
Manufacturer's Designation: GT4A ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G, H, I, J  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: Glenair, Inc.**

Government Designation: M28840/15 ( )  
Manufacturer's Designation: GS28840/15 ( )  
Chain: A, B  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/16 ( )  
Manufacturer's Designation: JSC16 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/16 ( )  
Manufacturer's Designation: GT6A ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/17 ( )  
Manufacturer's Designation: NC17 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/17 ( )  
Manufacturer's Designation: JSC17 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/18 ( )  
Manufacturer's Designation: NC18 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/15 ( )  
Manufacturer's Designation: S1968 ( )  
Chain: A, B  
Material: D, W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/16 ( )  
Manufacturer's Designation: NC16 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/16 ( )  
Manufacturer's Designation: KFS16 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: ITT Cannon**

Government Designation: M28840/17 ( )  
Manufacturer's Designation: KFS17 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/17 ( )  
Manufacturer's Designation: GT6B ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: ITT Cannon**

Government Designation: M28840/18 ( )  
Manufacturer's Designation: KFS18 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/18 ( )  
Manufacturer's Designation: JSC18 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: ITT Cannon**

Government Designation: M28840/19 ( )  
Manufacturer's Designation: KFS19 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/19 ( )  
Manufacturer's Designation: NC19 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/20 ( )  
Manufacturer's Designation: NC20 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/18 ( )  
Manufacturer's Designation: GT6C ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/19 ( )  
Manufacturer's Designation: JSC19 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/19 ( )  
Manufacturer's Designation: GT6D ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Insert Arrangement: 1  
Class: A  
Shell: A, B, C, D, E, F, G, H, J  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: ITT Cannon**

Government Designation: M28840/20 ( )  
Manufacturer's Designation: KFS20 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C  
Shell: C Backshell Designator: A, B, C  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/20 ( )  
Manufacturer's Designation: JSC20 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/21 ( )  
Manufacturer's Designation: NC21 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24/86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/21 ( )  
Manufacturer's Designation: JSC21 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: Electro Adapter, Inc.**

Government Designation: M28840/22 ( )  
Manufacturer's Designation: 100-28840/22 ( )  
Material: S  
Shell: 03, 04, 05, 06, 08, 10, 12, 16  
Test or Qualification Reference: NWSC Test Report 0783/3-8-84

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/20 ( )  
Manufacturer's Designation: GTOE ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: ITT Cannon**

Government Designation: M28840/21 ( )  
Manufacturer's Designation: KFS21 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C  
Shell: C Backshell Designator: A, B, C  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/21 ( )  
Manufacturer's Designation: GT1E ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C, D  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: Glenair, Inc.**

Government Designation: M28840/22 ( )  
Manufacturer's Designation: GS28840/22 ( )  
Material: S  
Shell: 03, 04, 05, 06, 08, 10, 12, 16  
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: Breeze-Illinois, Inc.**

Government Designation: M28840/22 ( )  
Manufacturer's Designation: E1110-1630-1B63 ( )  
Material: S  
Shell: 08  
Test or Qualification Reference: NWSC Test Report 768b/6-16-80

**Supplier: Glenair, Inc.**

Government Designation: M28840/23 ( )  
Manufacturer's Designation: GS28840/23 ( )  
Material: W  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: ITT Cannon**

Government Designation: M28840/24 ( )  
Manufacturer's Designation: 075-804 ( )  
Material: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/25 ( )  
Manufacturer's Designation: S1867 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25  
Material: A, B  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/26 ( )  
Manufacturer's Designation: NC26 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: , B, C, D  
Shell: C Backshell Designator: A, B, C, D  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/26 ( )  
Manufacturer's Designation: JSC26 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: , B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/22 ( )  
Manufacturer's Designation: S2208 ( )  
Material: S  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/23 ( )  
Manufacturer's Designation: S1940 ( )  
Material: D  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: Glenair, Inc.**

Government Designation: M28840/24 ( )  
Manufacturer's Designation: 930-006 F ( ), 930-006 M ( )  
Material: A, B  
Shell: A, B, C, D, E, F, G, H, J  
Test or Qualification Reference: 28840-052-99

**Supplier: Glenair, Inc.**

Government Designation: M28840/25 ( )  
Manufacturer's Designation: GS28840/25 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Material: W  
Style: A, B  
Test or Qualification Reference: 28840-009-97

**Supplier: ITT Cannon**

Government Designation: M28840/26 ( )  
Manufacturer's Designation: KFS26 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: , B, C, D  
Shell: C Backshell Designator: A, B, C, D  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/26 ( )  
Manufacturer's Designation: GT6F ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: , B, C, D  
Shell: C Backshell Designator: A, B, C, D  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82



**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/27 ( )  
Manufacturer's Designation: S1868 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25  
Material: W  
Style: A, B  
Test or Qualification Reference: NWSC Test Report 0385/4-22-85

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/28 ( )  
Manufacturer's Designation: NC28 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: ITT Cannon**

Government Designation: M28840/28 ( )  
Manufacturer's Designation: KFS28 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: G & H Technology, Inc.**

Government Designation: M28840/29 ( )  
Manufacturer's Designation: NC29 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0885/1-24-86

**Supplier: Glenair, Inc.**

Government Designation: M28840/27 ( )  
Manufacturer's Designation: GS28840/27 ( )  
Dash Numbers: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28  
Test or Qualification Reference: 28840-009-97

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/28 ( )  
Manufacturer's Designation: GT6G ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/28 ( )  
Manufacturer's Designation: JSC28 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: E, C  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: 28840-47-95

**Supplier: ITT Cannon**

Government Designation: M28840/29 ( )  
Manufacturer's Designation: KFS29 ( )  
Key Position: 1, 2, 3, 4, 5, 6  
Class: C, E  
Shell: A Backshell Designator: A, B, C  
Shell: B Backshell Designator: A, B, C, D  
Shell: C Backshell Designator: A, B, C, D, E  
Shell: D Backshell Designator: A, B, C  
Shell: E Backshell Designator: A, B  
Shell: F Backshell Designator: A, B, C  
Shell: G Backshell Designator: A, B, C, D  
Shell: H Backshell Designator: A, B  
Shell: J Backshell Designator: A, B  
Backshell Style: A, B  
Contact Style: P, S, D, E, F, G  
Test or Qualification Reference: NWSC Test Report 0285/1-10-85

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/29 ( )

Manufacturer's Designation: JSC29 ( )

Key Position: 1, 2, 3, 4, 5, 6

Class: C, E

Shell: A Backshell Designator: A, B, C

Shell: B Backshell Designator: A, B, C, D

Shell: C Backshell Designator: A, B, C, D, E

Shell: D Backshell Designator: B, C

Shell: E Backshell Designator: A, B

Shell: F Backshell Designator: A, B, C

Shell: G Backshell Designator: A, B, C, D

Shell: H Backshell Designator: A, B

Shell: J Backshell Designator: A, B

Backshell Style: A, B

Contact Style: P, S, D, E, F, G

Test or Qualification Reference: 28840-47-95

**Supplier: Glenair, Inc.**

Government Designation: M28840/30 ( )

Manufacturer's Designation: GS28840/30 ( )

Dash Numbers: 03, 04, 05, 06, 08, 10, 12, 16

Material: W

Style: A, B

Test or Qualification Reference: NWSC Test Report 0786/9-9-86

**Supplier: Packard Hughes Interconnect**

Government Designation: M28840/29 ( )

Manufacturer's Designation: GT6K ( )

Key Position: 1, 2, 3, 4, 5, 6

Class: C

Shell: A Backshell Designator: A, B, C

Shell: B Backshell Designator: A, B, C, D

Shell: C Backshell Designator: A, B, C, D

Shell: D Backshell Designator: A, B, C

Shell: E Backshell Designator: A, B

Shell: F Backshell Designator: A, B, C

Shell: G Backshell Designator: A, B, C, D

Shell: H Backshell Designator: A, B

Shell: J Backshell Designator: A, B

Backshell Style: A, B

Contact Style: P, S, D, E, F, G

Test or Qualification Reference: NWSC Test Report 0581/2-19-92

**Supplier: Joslyn Sunbank Corp.**

Government Designation: M28840/30 ( )

Manufacturer's Designation: S1966 ( )

Dash Numbers: 03, 04, 05, 06, 08, 10, 12, 16

Material: W

Style: A, B

Test or Qualification Reference: NWSC Test Report 0385/4-22-85

---

## Manufacturer and Supplier Location Information

---

**Manufacturer: Breeze-Illinois, Inc. (CAGE Code: 30463)**

Location: 8823 North Industrial Road, Peoria, IL 61615-1507, US

Plant Location: Trans Technology Electronics, 8800 Allen Road, Peoria, IL 61615, US

**Manufacturer: Electro Adapter, Inc. (CAGE Code: 31461)**

Location: 20640 Nordhoff Street, Chatsworth, CA 91311-6114, US

Plant Location: Same Address as Manufacturer

**Manufacturer: G & H Technology, Inc. (CAGE Code: 0D0V6)**

Location: 750 West Ventura Boulevard, Camarillo, CA 93010-8359, US

Plant Location: Same Address as Manufacturer

Assembly Plant Locations:

1. Interstate Connecting Components, Inc., 1263 Glen Avenue, Unit 280, Morrestown, NJ 08057, US
2. Time Electronics/Arizona, 1301 W. Geneva Drive, Tempe, AZ 85282, US

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

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

Plant Location: Same Address as Manufacturer

**Manufacturer: ITT Cannon (CAGE Code: 42536)**

Location: 666 East Dyer Road, Santa Ana, CA 92702-0929, US

Plant Location: ITT Cannon Prolongacion, Avenieda Obregon #3673, Nogales, Sonora, Mexico

Assembly Plant Locations:

1. Avnet/Time Electronics, 10-A Centennial Drive, Peabody, MA 01960, US
2. PEI/Genesis, 1915 N. Bendix Drive, South Bend, IN 46628, US

**Manufacturer: Joslyn Sunbank Corp. (CAGE Code: 07418)**

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

Plant Location: Same Address as Manufacturer

Assembly Plant Location: Interstate Connecting Components, Inc., 1263 Glen Avenue, Unit 280, Morrestown, NJ 08057, US

**Manufacturer: Packard Hughes Interconnect (CAGE Code: 53669)**

Location: P.O. Box 19685, Irvine, CA 92713-9685, US

Plant Location: Interaz, S.A., 14532 Boulevard Pacifico, Parque Industrial Pacifico, Tijuana, Baja, California, Mexico

Assembly Plant Locations:

1. Astrex, Inc., 205 Express Street, Plainview, NY 11803, US
2. Koehlke Components, Inc., 9400 Lebanon Pike, Centerville, OH 45458, US