

**DLA Land and Maritime - VQ
Supplemental Information Sheet for Electronic QPL-28840**

Date: 3/28/2022

Specification Details:

Specification: MIL-DTL-28840
 Title: Connectors, Electrical, Circular, Threaded, High Shock, High Density, Shipboard, Class D
 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: 614-692-1438, e-mail: vqp.ba@dla.mil

Notes:

All parts listed on this report 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 this report.

Part Configuration:

BackShell: M28840/616WA

Military Designator	Specification Sheet	Dash Number	Material and Finish	Style Designator
M28840	/6	16	W	A

Connector: M28840/11AG1P1

Military Designator	Specification Sheet	Class	Shell Size	Insert Arrangement	Contact Designator	Key Position
M28840	/11	A	G	1	P	1

Connector Assembly: M28840/11AG1PAP1

Military Designator	Specification Sheet	Class	Shell Size	Insert Arrangement	Backshell Size Designator	Backshell Style	Contact Designator	Key Position
M28840	/11	A	G	1	P	A	P	1

PART LISTINGS

Glenair, Inc.

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

Glenair, Inc.

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

Glenair, Inc.

Government Designation: M28840/5()
 Manufacturer Designation: GS28840/5
 Dash Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25
 Material: L, W
 Style: A, B
 Test or Qualification Reference: NWSC Test Report 0786/9-9-86

Glenair, Inc.

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

Glenair, Inc.

Government Designation: M28840/4()
 Manufacturer 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

Glenair, Inc.

Government Designation: M28840/6()
 Manufacturer Designation: GS28840/6
 Dash Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
 Material: D, L, W
 Style: A, B
 Test or Qualification Reference: NWSC Test Report 0786/9-9-86

Glenair, Inc.

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

Glenair, Inc.

Government Designation: M28840/8()
Manufacturer Designation: GS28840/8
Dash Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
Material: D, L, W
Style: A, B
Test or Qualification Reference: 28840-009-97

Aptiv Services 3 US, LLC.

Government Designation: M28840/10()
Manufacturer 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: D, E, F, G, P, S
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Aptiv Services 3 US, LLC.

Government Designation: M28840/11()
Manufacturer Designation: GT1A
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: D, E, F, G, P, S
Test or Qualification Reference: NWSC Test Reports 0581/2-19-82

Aptiv Services 3 US, LLC.

Government Designation: M28840/12()
Manufacturer Designation: GT22A, GT2A
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: D, E, F, G, P, S
Test or Qualification Reference: 28840-27-94; NWSC Test Report 0581/2-19-82

Glenair, Inc.

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

Aptiv Services 3 US, LLC.

Government Designation: M28840/7()
Manufacturer 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

Glenair, Inc.

Government Designation: M28840/9()
Manufacturer Designation: GS28840/9
Dash Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
Material: D, L, W
Style: A, B
Test or Qualification Reference: 28840-009-97

Glenair, Inc.

Government Designation: M28840/10()
Manufacturer Designation: 900-010
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
Class: A, B, L
Shell: A, B, C, D, E, F, G, H, J
Contact Style: D, E, F, G, P, S
Test or Qualification Reference: 28840-35-02

Glenair, Inc.

Government Designation: M28840/11()
Manufacturer Designation: 900-011
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
Class: A, B, L
Shell: A, B, C, D, E, F, G, H, J
Contact Style: D, E, F, G, P, S
Test or Qualification Reference: NWSC Test Report 0783/9-8

Glenair, Inc.

Government Designation: M28840/12()
Manufacturer Designation: 900-012
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
Class: A, B, L
Figure: 1, 2
Shell: A, B, C, D, E, F, G, H, J
Contact Style: D, E, F, G, P, S
Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/14()
Manufacturer 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: D, E, F, G, P, S,
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

Government Designation: M28840/14()
 Manufacturer Designation: 900-014
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: A, B, L
 Shell: A, B, C, D, E, F, G, H, J
 Contact Style: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/16()
 Manufacturer 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

Government Designation: M28840/17()
 Manufacturer Designation: 901-017
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: A, B, L
 Shell: A, B, C, D, E, F, G, H, J
 Contact Style: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Glenair, Inc.

Government Designation: M28840/18()
 Manufacturer Designation: 901-018
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: A, B, L
 Shell: A, B, C, D, E, F, G, H, J
 Contact Style: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Glenair, Inc.

Government Designation: M28840/19()
 Manufacturer Designation: 901-019
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: A, B, L
 Shell: A, B, C, D, E, F, G, H, J
 Contact Style: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/20()
 Manufacturer Designation: GT0E
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

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

Glenair, Inc.

Government Designation: M28840/16()
 Manufacturer Designation: 900-016
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: A, B, L
 Shell: A, B, C, D, E, F, G, H, J
 Contact Style: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/17()
 Manufacturer 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Aptiv Services 3 US, LLC.

Government Designation: M28840/18()
 Manufacturer 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Aptiv Services 3 US, LLC.

Government Designation: M28840/19()
 Manufacturer 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

Government Designation: M28840/20()
 Manufacturer Designation: 901-020
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: C, E, M
 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: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/21()
 Manufacturer Designation: GT1E
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

Government Designation: M28840/22()
 Manufacturer 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

Glenair, Inc.

Government Designation: M28840/24()
 Manufacturer 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

Aptiv Services 3 US, LLC.

Government Designation: M28840/26()
 Manufacturer Designation: GT6F & GT6F()
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 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: D, E, F, G, P, S
 Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

Government Designation: M28840/27()
 Manufacturer Designation: GS28840/27()
 Dash Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19,
 20, 21, 22, 23, 24, 25, 26, 27, 28
 Material: L, W
 Style: A, B
 Test or Qualification Reference: 28840-009-97

Glenair, Inc.

Government Designation: M28840/21()
 Manufacturer Designation: 901-021
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: C, E, M
 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: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Glenair, Inc.

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

Glenair, Inc.

Government Designation: M28840/25()
 Manufacturer Designation: GS28840/25
 Dash Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,
 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
 Material: L, W
 Style: A, B
 Test or Qualification Reference: 28840-009-97

Glenair, Inc.

Government Designation: M28840/26()
 Manufacturer Designation: 901-026
 Key Position: 1, 2, 3, 4, 5, 6
 Insert Arrangement: 1
 Class: C, E, M
 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: D, E, F, G, P, S
 Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/28()
Manufacturer Designation: GT6G & GT6H()
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
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: D, E, F, G, P, S
Test or Qualification Reference: NWSC Test Report 0581/2-19-82

Glenair, Inc.

Government Designation: M28840/29()
Manufacturer Designation: 901-029
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
Class: C, E, M
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: D, E, F, G, P, S
Test or Qualification Reference: 28840-35-02

Glenair, Inc.

Government Designation: M28840/30()
Manufacturer Designation: GS28840/30
Dash Number: 3, 4, 5, 6, 8, 10, 12, 16
Material: L, W
Style: A, B
Test or Qualification Reference: NWSC Test Report 0786/9-9-86

Glenair, Inc.

Government Designation: M28840/28()
Manufacturer Designation: 901-028
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
Class: C, E, M
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: D, E, F, G, P, S
Test or Qualification Reference: 28840-35-02

Aptiv Services 3 US, LLC.

Government Designation: M28840/29()
Manufacturer Designation: GT6J & GT6K()
Key Position: 1, 2, 3, 4, 5, 6
Insert Arrangement: 1
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: D, E, F, G, P, S
Test or Qualification Reference: NWSC Test Report 0581/2-19-92

Manufacturer and Supplier Location Information

Manufacturer: Aptiv Services 3 US, LLC. (CAGE Code: 53669)

Location: 30 Corporate Park Ste 303, Irvine, CA 92606-5133, US

Plants:

1. Aptiv Contract Services Tijuana, S.A. de C.V., Blvd. Pacifico No. 8332, Parque Industrial Pacifico, Tijuana B.C. Mexico, C.P. 22643,

Authorized Distributors:

1. TTI, Inc., 205 Express Street, Plainview, NY 11803, US

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

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

Plants:

1. Plant: Same Address as Manufacturer
2. Glenair, Inc., 12359 Lower Azusa Road, Arcadia, CA 91006, US

Authorized Distributors:

1. Interstate Connecting Components, Inc., Symbol: ICC, 100C Mount Holly Bypass, Lumberton, NJ 08048, US