

**Specification Details:**

Specification: MIL-DTL-32139  
 Title: Connectors, Electrical, Rectangular, Nanominiature, Polarized Shell  
 Federal Supply Class (FSC): 5935  
 Conventional: Yes  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: No  
 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:**

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP  
 Primary DSCC-VQ Contact: 614-692-6608, e-mail: vqp.jf@dla.mil  
 Secondary DSCC-VQ Contact: 614-692-0620, e-mail: vqp.rvm@dla.mil

**Notes:**

N/A

**Part Configuration:**

**M32139/01-A01SNS**

Military Designator	General Specification	Specification Sheet Number	Insert Arrangement	Termination or Wire Type	Hardware	Shell and Finish	Space Class
M	32139	/01	A	01	S	N	S

**Part Listings:**

**Supplier: Airborn Operating L.P.**

Government Designation: M32139/01  
 Manufacturer's Designation: NM-11(2, 3, 4, 5)-(009 thru 051)-161-JC(AA, AC, AD, AE, AG, AH, BA, BC, BD, BE, BG, BH, CA, CC, CD, CE, CG, CH)  
 Insert Arrangement: A, B, C, D, E, F, G  
 Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Hardware: S  
 Shell Finish: C, N, S, T  
 Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
 Test or Qualification Reference: 32139-952-04

**Supplier: Omnetics Connector Corp.**

Government Designation: M32139/01  
 Manufacturer's Designation: MWDN-01(A,B,C,D,E,F,G)-(S)(C,N,S,T)(S)  
 Insert Arrangement: A, B, C, D, E, F, G  
 Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Hardware: S  
 Shell Finish: C, N, S, T  
 Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
 Test or Qualification Reference: 32139-1419-05

**Supplier: Microway Systems - A Division of Glenair**

Government Designation: M32139/02  
 Manufacturer's Designation: MWDN-02(A,B,C,D,E,F,G)-(T)(C,N,S,T)(S)  
 Insert Arrangement: A, B, C, D, E, F, G  
 Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Hardware: T  
 Shell Finish: C, N, S, T  
 Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
 Test or Qualification Reference: 32139-1419-05

**Supplier: Microway Systems - A Division of Glenair**

Government Designation: M32139/01  
 Manufacturer's Designation: MWDN-01(A,B,C,D,E,F,G)-(S)(C,N,S,T)(S)  
 Insert Arrangement: A, B, C, D, E, F, G  
 Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Hardware: S  
 Shell Finish: C, N, S, T  
 Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
 Test or Qualification Reference: 32139-1419-05

**Supplier: Airborn Operating L.P.**

Government Designation: M32139/02  
 Manufacturer's Designation: NM-12(2, 3, 4, 5)-(009 thru 051)-261-TH(AA, AC, AD, AE, AG, AH, BA, BC, BD, BE, BG, BH, CA, CC, CD, CE, CG, CH)  
 Insert Arrangement: A, B, C, D, E, F, G  
 Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Hardware: T  
 Shell Finish: C, N, S, T  
 Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
 Test or Qualification Reference: 32139-952-04

**Supplier: Omnetics Connector Corp.**

Government Designation: M32139/02  
 Manufacturer's Designation: MWDN-02(A,B,C,D,E,F,G)-(T)(C,N,S,T)(S)  
 Insert Arrangement: A, B, C, D, E, F, G  
 Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Hardware: T  
 Shell Finish: C, N, S, T  
 Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
 Test or Qualification Reference: 32139-1419-05

**Supplier: Airborn Operating L.P.**

Government Designation: M32139/03  
Manufacturer's Designation: NM-21(2, 3, 4, 5)-(009 thru 051)-161-JC(AA, AC, AD, AE, AG, AH, BA, BC, BD, BE, BG, BH, CA, CC, CD, CE, CG, CH)  
Insert Arrangement: A, B, C, D, E, F, G  
Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
Hardware: S  
Shell Finish: C, N, S, T  
Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
Test or Qualification Reference: 32139-952-04

**Supplier: Omnetics Connector Corp.**

Government Designation: M32139/03  
Manufacturer's Designation: MWDN-03(A,B,C,D,E,F,G)-(S)(C,N,S,T)(S)  
Insert Arrangement: A, B, C, D, E, F, G  
Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
Hardware: S  
Shell Finish: C, N, S, T  
Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
Test or Qualification Reference: 32139-1419-05

**Supplier: Microway Systems - A Division of Glenair**

Government Designation: M32139/04  
Manufacturer's Designation: MWDN-04(A,B,C,D,E,F,G)-(T)(C,N,S,T)(S)  
Insert Arrangement: A, B, C, D, E, F, G  
Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
Hardware: T  
Shell Finish: C, N, S, T  
Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
Test or Qualification Reference: 32139-1419-05

**Supplier: Microway Systems - A Division of Glenair**

Government Designation: M32139/03  
Manufacturer's Designation: MWDN-03(A,B,C,D,E,F,G)-(S)(C,N,S,T)(S)  
Insert Arrangement: A, B, C, D, E, F, G  
Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
Hardware: S  
Shell Finish: C, N, S, T  
Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
Test or Qualification Reference: 32139-1419-05

**Supplier: Airborn Operating L.P.**

Government Designation: M32139/04  
Manufacturer's Designation: NM-22(2, 3, 4, 5)-(009 thru 051)-261-TH(AA, AC, AD, AE, AG, AH, BA, BC, BD, BE, BG, BH, CA, CC, CD, CE, CG, CH)  
Insert Arrangement: A, B, C, D, E, F, G  
Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
Hardware: T  
Shell Finish: C, N, S, T  
Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
Test or Qualification Reference: 32139-952-04

**Supplier: Omnetics Connector Corp.**

Government Designation: M32139/04  
Manufacturer's Designation: MWDN-04(A,B,C,D,E,F,G)-(T)(C,N,S,T)(S)  
Insert Arrangement: A, B, C, D, E, F, G  
Wire Type: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
Hardware: T  
Shell Finish: C, N, S, T  
Space Class: BLANK FOR NON-SPACE APPLICATIONS, S  
Test or Qualification Reference: 32139-1419-05

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Airborn Operating L.P. (CAGE Code: 10400)**

Location: 21636 N. 14th Avenue, Suite A2, Phoenix, AZ 85027, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Microway Systems - A Division of Glenair (CAGE Code: 0CA77)**

Location: 7000 North Lawndale Avenue, Lincolnwood, IL 60712-2610, US

Plant Location: Same Address as Manufacturer

**Manufacturer: Omnetics Connector Corp. (CAGE Code: 61873)**

Location: 7260 Commerce Circle East, Minneapolis, MN 55432, US

Plant Location: Same Address as Manufacturer