

Specification Details:

Date: 8/31/2009

Specification: MIL-DTL-28748

Title: Connectors, Plug and Receptacle, Rectangular, Rack & Panel, Solder Type and Crimp Type Contacts

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: 614-692-0609, e-mail: vqp.do@dla.mil

Notes:

N/A

Part Configuration:**M28748/1-A1AL1A**

Basic number of specifi- cation sheet	Insert	Shield/Shield clamp location or retaining plate	Shell type and polarization	Jackscrews or guidepins	Contacts
M28748/1-	A	1	A	L	1A

Part Listings:**Supplier: Continental Connector Company**

Government Designation: M28748/1-

Insert Designation: 0, A, B, C, D, E, F, G, H, J

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A

Supplier: Continental Connector Company

Government Designation: M28748/2-

Insert Designation: 0, A, B, C, D, E, F, G, H, J

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A

Supplier: Continental Connector Company

Government Designation: M28748/3-

Insert Designation: A, B, C, D, E, F, G, H, J

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3J, 3K

Supplier: Winchester Electronics

Government Designation: M28748/3-

Insert Designation: 0, B, C, D, E, F, G, H, J, K, L

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3J, 3K

Supplier: Winchester Electronics

Government Designation: M28748/1-

Insert Designation: 0, A, B, C, D, E, F, G, H, J

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A

Supplier: Winchester Electronics

Government Designation: M28748/2-

Insert Designation: 0, A, B, C, D, E, F, G, H, J

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A

Supplier: Positronic Industries, Inc.

Government Designation: M28748/3-

Insert Designation: B, C, D, E, F, G, H, J, K, L

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7

Jack Screw/Guidepins: 0, F, G, L, S

Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3J, 3K

Supplier: Continental Connector Company

Government Designation: M28748/4-

Insert Designation: A, B, C, D, E, F, G, H, J, K, L

Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R

Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7

Jack Screw/Guidepins: 0, F, G, L, M, S

Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3J, 3K

Supplier: Positronic Industries, Inc.

Government Designation: M28748/4-
Insert Designation: B, C, D, E, F, G, H, J, K, L
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7
Jack Screw/Guidepins: 0, F, G, L, S
Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3J, 3K

Supplier: Continental Connector Company

Government Designation: M28748/5-
Insert Designation: A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1, 2, 3, 4
Jack Screw/Guidepins: 0, F, G, M, S
Contact: 1A, 1L

Supplier: Winchester Electronics

Government Designation: M28748/5-
Insert Designation: A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1, 2, 3, 4
Jack Screw/Guidepins: 0, F, G, L, M, S
Contact: 1A, 1L

Supplier: Positronic Industries, Inc.

Government Designation: M28748/6-
Insert Designation: A, B, C, D, E, F
Shell Type/Polarization: 0
Shield/Retaining Plate: 0
Jack Screw/Guidepins: 0, F, G, S
Contact: 1A, 1L

Supplier: Continental Connector Company

Government Designation: M28748/7-
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: 0, E, F, G, H, L, S
Contact: 1A

Supplier: Vishay Dale Electronics, Inc

Government Designation: M28748/7-
Insert Designation: B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: 0, E, F, G, L, S
Contact: 1A

Supplier: Positronic Industries, Inc.

Government Designation: M28748/8-
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: F, G, H, L, S
Contact: 1A

Supplier: Winchester Electronics

Government Designation: M28748/8-
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: 0, E, F, G, H, L, S
Contact: 1A

Supplier: Winchester Electronics

Government Designation: M28748/4-
Insert Designation: 0, B, C, D, E, F, G, H, J, K, L
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
Jack Screw/Guidepins: 0, F, G, L, M, S
Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3J, 3K

Supplier: Positronic Industries, Inc.

Government Designation: M28748/5-
Insert Designation: A, B, C, D, E, F
Shell Type/Polarization: 0
Shield/Retaining Plate: 0
Jack Screw/Guidepins: 0, F, G, S
Contact: 1A, 1L

Supplier: Continental Connector Company

Government Designation: M28748/6-
Insert Designation: A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1, 2, 3, 4
Jack Screw/Guidepins: 0, F, G, M, S
Contact: 1A, 1L

Supplier: Winchester Electronics

Government Designation: M28748/6-
Insert Designation: A, B, C, D, E, F, G, H, J, K, M, N, P, Q, R, S
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1, 2, 3, 4
Jack Screw/Guidepins: 0, F, G, L, M, S
Contact: 1A, 1L

Supplier: Positronic Industries, Inc.

Government Designation: M28748/7-
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: F, G, H, L, S
Contact: 1A

Supplier: Winchester Electronics

Government Designation: M28748/7-
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0
Jack Screw/Guidepins: 0, E, F, G, H, L, S
Contact: 1A

Supplier: Vishay Dale Electronics, Inc

Government Designation: M28748/8-
Insert Designation: B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: 0, E, F, G, L, S
Contact: 1A

Supplier: Delphi Connection Systems

Government Designation: M28748/9
Insert Designation: A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S
Shell Type/Polarization: A, B, C, D, E, F
Shield/Retaining Plate: 0
Jack Screw/Guidepins: L
Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 1Z, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K

Supplier: J-Tech

Government Designation: M28748/10
Insert Designation: A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S
Shell Type/Polarization: N, V, W, X, Y, Z
Shield/Retaining Plate: 0
Jack Screw/Guidepins: 0
Contact: 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 1Z, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K

Supplier: Positronic Industries, Inc.

Government Designation: M28748/13
Insert Designation: B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: F, G, L, S
Contact: 1A

Supplier: Positronic Industries, Inc.

Government Designation: M28748/14
Insert Designation: B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1
Jack Screw/Guidepins: F, G, L, S
Contact: 1A

Supplier: Continental Connector Company

Government Designation: M28748/13
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1, 2
Jack Screw/Guidepins: F, G, L, S
Contact: 1A

Supplier: Continental Connector Company

Government Designation: M28748/14
Insert Designation: A, B, C, D, E, F, G, H
Shell Type/Polarization: 0
Shield/Retaining Plate: 0, 1, 2
Jack Screw/Guidepins: F, G, L, S
Contact: 1A

Manufacturer and Supplier Location Information

Manufacturer: Continental Connector Company (CAGE Code: 95238)

Location: Subsidiary of PMC, Inc, 2294 N. Penn Road, Hatfield, PA 19940, US

Plant Location: Same Address as Manufacturer

Manufacturer: Delphi Connection Systems (CAGE Code: 53669)

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

Plant Locations:

1. Same Address as Manufacturer
2. Interaz S.A., 14532 Boulevard Pacifico, Parque Industrial Pacifico, Tijuana, Baja, California, Mexico
3. Queensway Industrial Estate, Fullerton Road, Glenrothes, Fife, KY7 5PY, Scotland

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

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

Plant Location: Same Address as Manufacturer

Manufacturer: Positronic Industries, Inc. (CAGE Code: 28198)

Location: 423 North Campbell, Springfield, MO 65801-8247, US

Plant Location: Same Address as Manufacturer

Distributor Location: Positronic Industries, SA, Route De Nauchantel, 34, CH-2035 Pexeus, Switzerland

Manufacturer: Vishay Dale Electronics, Inc (CAGE Code: 09969)

Location: P. O. Box 609, Columbus, NE 68601, US

Plant Location: East Highway 50, Yankton, SD, US

Manufacturer: Winchester Electronics (CAGE Code: 81312)

Location: Division of Litton Industries, 400 Park Road, Watertown, CT 06135-0500, US

Plant Location: Same Address as Manufacturer

Distributor Locations:

1. Astrex, 205 Express Street, Plainview, NY 11803, US
2. BTC Electronic Components, 5809 Departure Drive, Raleigh, NC 27604, US
3. Coghlin Electric, 35 Otis Street, Westboro, MA 01581, US
4. March Electronics, 25 Feldland Avenue, Bohemia, NY 11716, US
5. Powell Electronics, 105-A Connecticut Drive, Burlington, NJ 08016, US
6. Winchester Electronics, Carretera Internacional KM 6.5, Parque Industrial, Nogales, Sonora, Mexico