

Specification Details:

Specification: MIL-PRF-55182
 Title: Resistors, Fixed, Film, Chip
 Federal Supply Class (FSC): 5905
 Conventional: No
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: Yes
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: Yes
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: Yes

Contact Information:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP
 Primary DSCC-VQ Contact: 614-692-0597, e-mail: vqp.jz@dla.mil
 Secondary DSCC-VQ Contact: 614-692-0665, e-mail: vqp.go@dla.mil

Notes:

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH. The activity designated as agent for all contacts relative to this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43218-3990.

An asterisk (*) adjacent to the product listing indicates that qualified parts listed on the QPL are available through distributors authorized by the manufacturer in accordance with Military Standard MIL-STD-790. Names and addresses of the distributors are listed in the back of this QPL. This list is being furnished merely as an aid in identifying authorized sources of ER parts and the responsibility for complying with contractual provisions requiring use of such parts rests with the user of such parts. Such list has been compiled from information furnished by the manufacturers of ER parts prior to release of this QPL for printing.

Inclusion on, or omission from, the list of a particular distributor cannot be relied upon as a guarantee of the distributor's status since the information upon which the list is based may not have been complete and authorized distributors are subject to change by the manufacturer at any time. Inclusion of a firm on a list is not, under any circumstance, to be considered an indorsement of such firm or its products by the Department of Defense.

Per Amendment 2 of MIL-R-55182/1 and MIL-R-55182/7 a requirement was added for a one-digit code to be marked on the resistor to identify each manufacturer. The codes for the manufacturers are as follows:

Vishay Angstrom: A
 Vishay Dale: D
 IRC (Boone): R

Part Configuration:

RN*551/C49R9FM

Style and Termination Type	Characteristic	Resistance	Resistance Tolerance	Product Level Designator
RN*55 1/	C	49R9	F	M

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
Part 1				
RNC50*				
Chars. H, K; res. values 10 ohms thru 100 kilohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC/TT Electronics
RNC50*				
Chars. J; res. values 100 ohms thru 100 kilohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC/TT Electronics
RNC50*				
Chars. H, J; res. values 10 ohms thru 796 kilohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-50 ERC-50-31	55182-1107-79 55182-304-87	/7	Vishay Dale (Columbus, NE)
RNC50*				
Chars. K; res. values 10 ohms thru 796 kilohms; tols. D, F; life failure rates C, M, P, R, S	ERC-50 ERC-50-31	55182-1107-79 55182-304-87	/7	Vishay Dale (Columbus, NE)

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
Part 1				
RNC51*				
Chars. K; res. values 10 ohms thru 200 kilohms; tols. D, F; life failure rates C, M, P, R, S	ERC-50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
RNC51*				
Chars. H, J; res. values 10 ohms thru 200 kilohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
RNC55*				
Chars. H, J; res. values 10 ohms thru 1 megohms; tols. B, D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC/TT Electronics
RNC55*				
Chars. H, J, K; res. values 10 ohms thru 1 megohms; tols. D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC/TT Electronics
RNC55*				
Chars. K; res. values 10 ohms thru 2 megohms; tols. D, F; life failure rates C, M, P, R, S	ERC-55 ERC-55-65	55182-438-81 55182-304-87	/1	Vishay Dale (Columbus, NE)
RNC55*				
Chars. H, J; res. values 10 ohms thru 2 megohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-55 ERC-55-65	55182-438-81 55182-304-87	/1	Vishay Dale (Columbus, NE)
RNC56*				
Chars. K; res. values 10 ohms thru 1.21 megohms; tols. D, F; life failure rates C, M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
RNC56*				
Chars. H, J; res. values 10 ohms thru 1.21 megohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
RNC60*				
Chars. H, J, K; res. values 10 ohms thru 100 kilohms; tols. B, D, F; life failure rates C, M, P, R, S	TH-60 TJ-60 TK-60	55182-1227-76 55182-930-75	/3	IRC/TT Electronics
RNC60*				
Chars. H, J, K; res. values 10 ohms thru 2 megohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-55-200 ERC-55-201	55182-94-88 55182-542-88	/3	Vishay Dale (Columbus, NE)
RNC60*				
Chars. H, J, K; res. values 2 megohms thru 3.01 megohms; tols. D, F; life failure rates C, M	ERC-55-200 ERC-55-201	55182-94-88 55182-542-88	/3	Vishay Dale (Columbus, NE)
RNC65*				
Chars. H, J; res. values 10 ohms thru 3.01 megohms; tols. B, D, F; life failure rates C, M, P, R	ERC-65 ERC-65-65	55182-185-77 55182-304-65	/5	Vishay Dale (Columbus, NE)
RNC65*				
Chars. K; res. values 10 ohms thru 3.01 megohms; tols. D, F; life failure rates C, M, P, R	ERC-65 ERC-65-65	55182-185-77 55182-304-87	/5	Vishay Dale (Columbus, NE)
RNC70*				
Chars. K; res. values 10 ohms thru 3.01 megohms; tols. D, F; life failure rates C, M, P, R	ERC-70 ERC-70-4	55182-506-86 55182-304-87	/6	Vishay Dale (Columbus, NE)
RNC70*				
Chars. H, J; res. values 10 ohms thru 3.01 megohms; tols. B, D, F; life failure rates C, M, P, R	ERC-70 ERC-70-4	55182-506-86 55182-304-87	/6	Vishay Dale (Columbus, NE)
RNC90*				
Chars. T, Y; res. values 30.1 ohms thru 121 kilohms; tols. A, B, D, F, T, V; life failure rates M, P, R	S555 S555L	55182-066-96 55182-152-97 55182-002-99 55182-317-02	/9	Vishay Israel, Ltd.
RNC90*				
Chars. T, Y; res. values 4.99 ohms thru 16 ohms; tols. B, D, F; life failure rates M, P, R	S555 S555L	55182-066-96 55182-152-97 55182-001-99 55182-317-02	/9	Vishay Israel, Ltd.

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Part 1				
RNC90*				
Chars. T, Y; res. values 16.2 ohms thru 30 ohms; tols. A, B, D, F; life failure rates M, P, R	S555 S555L	55182-145-94 55182-001-99 55182-119-99 55182-317-02	/9	Vishay Israel, Ltd.
RNC90*				
Chars. S, Z; res. values 30.1 ohms thru 121 kilohms; tols. A, B, D, F, T, V; life failure rates M, P, R	Z555 Z555L	55182-052-01 55182-316-02 55182-670-03 55182-2208-08 55182-2209-08	/9	Vishay Israel, Ltd.
RNC90				
Chars. T, Y; res. values 4.99 ohms thru 121 kilohms; tols. A, B, D, F, T, V; life failure rates M, P, R	WQ WT	55182-154-98 55182-155-98 55182-254-02 55182-157-02 55182-484-03 55182-859-04 55182-860-04	/9	Wilbrecht Electronics, Inc
RNC90				
Chars. S, Z; res. values 30.1 ohms thru 121 kilohms; tols. A, B, D, F, T, V; life failure rates M, P, R	WZ	55182-1312-05	/9	Wilbrecht Electronics, Inc
RNN50*				
Chars. H, J, K; res. values 10 ohms thru 301 kilohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC/TT Electronics
RNN55*				
Chars. H, J, K; res. values 1 megohms thru 2 megohms; tols. F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC/TT Electronics
RNN55*				
Chars. K; res. values 10 ohms thru 1 megohms; tols. D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC/TT Electronics
RNN55*				
Chars. H, J; res. values 10 ohms thru 1 megohms; tols. B, D, F; life failure rates C, M, P, R, S	TJ-55 TK-55 TN-55	55182-1226-76	/1	IRC/TT Electronics
RNN55*				
Chars. C, E; res. values 10 ohms thru 1.21 megohms; tols. B, D, F; life failure rates C, M, P, R, S	HDN-55 HDN-55-65	55182-237-93 55182-222-94 55182-134-95 55182-052-96 55182-118-95 55182-158-96 55182-121-96	/1	Vishay Angstrom
RNN57*				
Chars. C, E; res. values 49.9 ohms thru 200 kilohms; tols. F; life failure rates C, M, P, R, S	HDN-57 HDN-57-1	55182-117-95 55182-026-97 55182-121-96	/2	Vishay Angstrom
RNN60*				
Chars. K; res. values 10 ohms thru 100 kilohms; tols. D, F; life failure rates C, M, P, R, S	TH-60 TJ-60 TK-60	55182-1227-76 55182-930-75	/3	IRC/TT Electronics
RNN60*				
Chars. H, J; res. values 10 ohms thru 100 kilohms; tols. B, D, F; life failure rates C, M, P, R, S	TH-60 TJ-60 TK-60	55182-1227-76 55182-930-75	/3	IRC/TT Electronics
RNN60*				
Chars. C, E; res. values 10 ohms thru 2.49 megohms; tols. B, D, F; life failure rates C, M, P, R, S	HDN-60 HDN-60-1	55182-223-94 55182-105-96 55182-125-96 55182-121-96	/3	Vishay Angstrom

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Part 1				
RNN65* Chars. C, E; res. values 24.9 ohms thru 4.99 megohms; tols. B, D, F; life failure rates C, M, P	HDN-65 HDN-65-65	55182-124-96 55182-071-97 55182-050-99 55182-162-99	/5	Vishay Angstrohm
RNN70* Chars. C, E; res. values 24.9 ohms thru 4.99 megohms; tols. B, D, F; life failure rates C, M, P	HDN-70 HDN-70-4	55182-124-96 55182-071-97 55182-050-99	/6	Vishay Angstrohm
RNN75* Chars. E, J; res. values 49.9 ohms thru 1.21 megohms; tols. B, D, F; life failure rates C, M	HDN-75 HDN-75-1	55182-033-98 55182-050-99	/10	Vishay Angstrohm
RNR50* Chars. H, J; res. values 10 ohms thru 796 kilohms; tols. B, D, F; life failure rates M, P, R, S	ERC-50 ERC-50-31	55182-1107-79 55182-304-87	/7	Vishay Dale (Columbus, NE)
RNR50* Chars. K; res. values 10 ohms thru 796 kilohms; tols. D, F; life failure rates M, P, R, S	ERC-50 ERC-50-31	55182-1107-79 55182-304-87	/7	Vishay Dale (Columbus, NE)
RNR51* Chars. H, J; res. values 10 ohms thru 200 kilohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
RNR51* Chars. K; res. values 10 ohms thru 200 kilohms; tols. D, F; life failure rates C, M, P, R, S	ERC-50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
RNR55* Chars. C, E; res. values 10 ohms thru 1.21 megohms; tols. B, D, F; life failure rates C, M, P, R, S	HDN-55 HDN-55-65	55182-237-93 55182-222-94 55182-134-95 55182-052-96 55182-118-95 55182-158-96 55182-121-96	/1	Vishay Angstrohm
RNR55* Chars. H, J; res. values 10 ohms thru 2 megohms; tols. B, D, F; life failure rates M, P, R, S	ERC-55 ERC-55-65	55182-438-81 55182-304-87	/1	Vishay Dale (Columbus, NE)
RNR55* Chars. K; res. values 10 ohms thru 2 megohms; tols. D, F; life failure rates M, P, R, S	ERC-55 ERC-55-65	55182-438-81 55182-304-87	/1	Vishay Dale (Columbus, NE)
RNR56* Chars. H, J; res. values 10 ohms thru 1.21 megohms; tols. B, D, F; life failure rates M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
RNR56* Chars. H, J; res. values 10 ohms thru 1.21 megohms; tols. D, F; life failure rates M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
RNR57* Chars. C, E; res. values 49.9 ohms thru 200 kilohms; tols. F; life failure rates C, M, P, R, S	HDN-57 HDN-57-1	55182-117-95 55182-026-97 55182-121-96	/2	Vishay Angstrohm
RNR60* Chars. C, E; res. values 10 ohms thru 2.49 megohms; tols. B, D, F; life failure rates C, M, P, R, S	HDN-60 HDN-60-1	55182-223-94 55182-105-96 55182-125-96 55182-121-96	/3	Vishay Angstrohm
RNR60* Chars. H, J, K; res. values 10 ohms thru 2 megohms; tols. B, D, F; life failure rates C, M, P, R, S	ERC-55-200 ERC-55-201	55182-542-88 55182-94-88	/3	Vishay Dale (Columbus, NE)
RNR60* Chars. H, J, K; res. values 2 megohms thru 3.01 megohms; tols. D, F; life failure rates C, M	ERC-55-200 ERC-55-201	55182-94-88 55182-542-88	/3	Vishay Dale (Columbus, NE)

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Part 1				
RNR65*				
Chars. C, E; res. values 24.9 ohms thru 4.99 megohms; tols. B, D, F; life failure rates C, M, P	HDN-65 HDN-65-65	55182-124-96 55182-071-97 55182-050-99 55182-162-99	/5	Vishay Angstrohm
RNR65*				
Chars. K; res. values 10 ohms thru 301 kilohms; tols. D, F; life failure rates M, P, R	ERC-65 ERC-65-65	55182-185-77 55182-304-87	/5	Vishay Dale (Columbus, NE)
RNR65*				
Chars. H, J; res. values 10 ohms thru 301 kilohms; tols. B, D, F; life failure rates M, P, R	ERC-65 ERC-65-65	55182-185-77 55182-304-87	/5	Vishay Dale (Columbus, NE)
RNR70*				
Chars. C, E; res. values 24.9 ohms thru 4.99 megohms; tols. B, D, F; life failure rates C, M, P	HDN-70 HDN-70-4	55182-124-96 55182-071-97 55182-050-99	/6	Vishay Angstrohm
RNR70*				
Chars. K; res. values 10 ohms thru 3.01 megohms; tols. D, F; life failure rates M, P, R	ERC-70 ERC-70-4	55182-506-86 55182-304-87	/6	Vishay Dale (Columbus, NE)
RNR70*				
Chars. K; res. values 10 ohms thru 3.01 megohms; tols. D, F; life failure rates M, P, R	ERC-70 ERC-70-4	55182-506-86 55182-304-87	/6	Vishay Dale (Columbus, NE)
RNR75*				
Chars. B, D, F; res. values 49.9 ohms thru 1.21 megohms; tols. B, D, F; life failure rates C, M	HDN-75 HDN-75-1	55182-033-98 55182-050-99	/10	Vishay Angstrohm

Manufacturer and Supplier Location Information

Manufacturer: IRC/TT Electronics (CAGE Code: 11502)

Location: International Resistive Company, 736 Greenway Road, Boone, NC 28607-4830, US

Plant Location: 736 Greenway Road, Boone, NC 28607, US

Distributor Locations:

1. All American, 3007 Douglas Boulevard, Suite 175, Roseville, CA 95661, US
2. All American, 20875 Crossroads Circle, Suite 950, Waukesha, WI 53186, US
3. All American, 13809 Research Boulevard, Suite 812, Austin, TX 78750, US
4. All American, 100 Burt Road, Suite 110, Andover, MA 01810, US
5. All American, 1701 Analog Drive, Richardson, TX 75081, US
6. All American, 26650 Renaissance Parkway, Warrensville Heights, OH 44128, US
7. All American, 1930 N. Thoreau Drive, Suite 200, Schaumburg, IL 60173, US
8. All American, 8310 Guilford Road, Suite A, Columbia, MD 21046, US
9. All American, 100 Mill Plain Road, Suite 360, Danbury, CT 06811, US
10. All American, 16115 NW 52nd Avenue, Miami, FL 33014-9317, US
11. All American, 275-B Marcus Boulevard, Hauppauge, NY 11788, US
12. All American, 7201 West 129th Street, Suite 150, Overland Park, KS 66213, US
13. All American, 4940 Corporate Drive, Suite D, Huntsville, AL 35805, US
14. All American, Carretera Base Area #5850 Km. Module 8, Colonia La Mora, Zapopan 45100, Japan
15. All American, 48376 Milmont Drive, Fremont, CA 94538, US
16. All American, 4631 Johnson Road, Suite 8, Coconut Creek, FL 33073, US
17. All American, 39201 Schoolcraft Road, Suite B-20, Livonia, MI 48150, US
18. All American, 7575 West 103rd Street, Suite 100, Westminster, CO 80021, US
19. All American, 333 Metro Park, Rochester, NY 14623, US
20. All American, 14192 Chambers Road, Tustin, CA 92780, US
21. All American, 6375 Dixie Road, Units 4, 5, 6, Mississauga, Ontario L5T 2E7, Canada
22. All American, 640 Brooker Creek Boulevard, Suite 465, Oldsmar, FL 34677, US
23. All American, 19310 North Creek Parkway South, Suite 109, Bothell, WA 98011, US
24. All American, 230 Devcon Drive, San Jose, CA 95112, US
25. All American, 26010 Mureau Road, Suite 120, Calabasas, CA 91302, US
26. All American, 9585 Candida Street, San Diego, CA 92126, US
27. All American, 6955 Union Park Center, Suite 110, Midvale, UT 84047, US
28. All American, 1121 Situs Court, Suite 370, Raleigh, NC 27606, US
29. All American, 14976 NW Greenbrier Parkway, Beaverton, OR 97006, US
30. All American, 1900 W. University Drive, Suite 230, Tempe, AZ 85281, US
31. All American, 8 East Stow Road, Suite 100, Marlton, NJ 08053, US
32. All American, 528 S. North Lake Boulevard, Suite 1040, Altamonte Springs, FL 32701, US
33. All American, 10805 Holde Street, Suite 100, Cypress, CA 90630, US
34. All American, 7800 Equitable Drive, Suite 150, Eden Prairie, MN 55344, US
35. All American, 1845 Satellite Boulevard, Suite 850, Duluth, GA 30097, US
36. Arrow Electronics Components, 220 Rabro Drive East, Hauppauge, NY 11788, US
37. Arrow Electronics Components, 13800 NW 14th Street, Suite 160, Sunrise, FL 33323, US
38. Arrow Electronics Components, Foothill Corporate Plaza, 27121 Towne Centre Drive, Suite 100, Foothill Ranch, CA 92610-2807, US
39. Arrow Electronics Components, 355 Business Center Drive, Horsham, PA 19044, US
40. Arrow Electronics Components, 2552 West Erie Drive, Suite 101, Tempe, AZ 85282, US
41. Arrow Electronics Components, 3245 Old Frankstown Road, Pittsburgh, PA 15239-2909, US
42. Arrow Electronics Components, 9500 SW Nimbus Avenue, Building E, Beaverton, OR 97008-7184, US
43. Arrow Electronics Components, 200 Perimeter Park Drive, Suite D, Morrisville, NC 27560-9752, US
44. Arrow Electronics Components, 100 South Jefferson Road, Whippany, NJ 07981-1027, US
45. Arrow Electronics Components, 7629 Anagram Drive, Eden Prairie, MN 55344, US
46. Arrow Electronics Components, 44760 Helm Street, Plymouth, MI 48170-6019, US
47. Arrow Electronics Components, 20935 Warner Center Lane, Woodland Hills, CA 91367, US
48. Arrow Electronics Components, 9801 Legler Road, Lenexa, KS 66219, US
49. Arrow Electronics Components, 6982 Hillsdale Court, Indianapolis, IN 46250, US
50. Arrow Electronics Components, 4930 Corporate Drive, Suite F, Huntsville, AL 35805, US
51. Arrow Electronics Components, 2901 Wilcrest, Suite 120, Houston, TX 77042, US
52. Arrow Electronics Components, 7459 South Lima Street, Building 1, Englewood, CO 80112-5816, US
53. Arrow Electronics Components, 7677 Paragon Road, Suite A, Dayton, OH 45459, US
54. Arrow Electronics Components, 6340 International Parkway, Suite 100, Plano, TX 75093, US
55. Arrow Electronics Components, 860 North Main Street Ext., Wallingford, CT 06492-2419, US
56. Arrow Electronics Components, 30600 Aurora Road, Building B, Suite 180, Solon, OH 44139, US
57. Arrow Electronics Components, 116 Spring Lake Drive, Itasca, IL 60143-2062, US
58. Arrow Electronics Components, 35 Upton Drive, Wilmington, MA 01887-1073, US
59. Arrow Electronics Components, 9800 Patuxent Woods Drive, Suite J, Columbia, MD 21046-1587, US
60. Arrow Electronics Components, 9233 Waterford Centre Boulevard, Austin, TX 78758, US
61. Arrow Electronics Components, 1855 Satellite Boulevard, Suite 600, Duluth, GA 30097, CA
62. Arrow Electronics Components, 2151 32nd Street NE, Unit D, Calgary, Alberta T1Y 7G3, Canada
63. Arrow Electronics Components, 8521 Commerce Court, Burnaby, British Columbia V5A 4N3, Canada
64. Arrow Electronics Components, 150 North Patrick Boulevard, Suite 200, Brookfield, WI 53045, US
65. Arrow Electronics Components, 12111 East 51st Street, Suite 101, Tulsa, OK 74146-6005, US
66. Arrow Electronics Components, 2380 Schuetz Road, St. Louis, MO 63146-3412, US
67. Arrow Electronics Components, 2165 Brighton-Henrietta Townline Road, Rochester, NY 14623-2898, US
68. Arrow Electronics Components, 3300 Douglas Boulevard, Suite 105, Roseville, CA 95661, US
69. Arrow Electronics Components, 2440 South 1070 West, Suite A, Salt Lake City, UT 8419-1554, US

Manufacturer and Supplier Location Information

70. Arrow Electronics Components, 171 Superior Boulevard, Mississauga, Ontario L5T 2I6, Canada
71. Arrow Electronics Components, 84 Hines Road, Suite 100, Kanata, Ontario K2K 3G3, Canada
72. Arrow Electronics Components, 19180 Transcanada Highway, Baie D'urfe, Quebec H9X 3S4, Canada
73. Arrow Electronics Components, 9173 Sky Park Court, San Diego, CA 92123, US
74. Arrow Electronics Components, 3000 Bowers Avenue, Santa Clara, CA 95051, US
75. Arrow Electronics Components, 3310 146th Place SE, Building B, Suite A, Bellevue, WA 98007-6471, US
76. Arrow Electronics Components, 55 Skyline Drive, Suite 2500, Lake Mary, FL 32746, US
77. Future Electronics, 26570 West Agoura Road, Suite 100, Calabasas, CA 91302, US
78. Future Electronics, 18882 Lake Drive East, Chanhassen, MN 55317, US
79. Future Electronics, 300 Linden Oaks, Rochester, NY 14625, US
80. Future Electronics, 690 North McCarthy Boulevard, Suite 200, Milpitas, CA 95035, US
81. Future Electronics, 6500 Boeing Drive, Suite T5, El Paso, TX 79925-1074, US
82. Future Electronics, 1819 Denver West Drive, Building 26, Suite 350, Golden, CO 80401, US
83. Future Electronics, 2201 West Plano Parkway, Suite 150, Plano, TX 75075, US
84. Future Electronics, 15950 Bay Vista Drive, Suite 340, Clearwater, FL 33760, US
85. Future Electronics, Westgate Office Center, 700 West Johnson Avenue, Cheshire, CT 06410, US
86. Future Electronics, 1190 Winterson Road, Suite 180, Linthicum, MD 21090, US
87. Future Electronics, 4400 River Green arkway, Suite 220, Duluth, GA 30096, US
88. Future Electronics, 655 Caig Road, Suite 240, Creve Coeur, MO 63141, US
89. Future Electronics, 3450 South Highland Drive, Suite 301, Salt Lake City, UT 84106, US
90. Future Electronics, 2300 Barrington Road, Suite 500, Hoffman Estates, IL 60195, US
91. Future Electronics, 16740 Birkdale Commons Parkway, Suite 212, Huntersville, NC 28078, US
92. Future Electronics, 12438 West Bridger Street, Suite 110, Boise, ID 83713, US
93. Future Electronics, Greystone Plaza, 7200 North MoPac Expressway, Suite 310, Austin, TX 78731, US
94. Future Electronics, 251 Salina Meadows Parkway, Suite 210, Syracuse, NY 13212, US
95. Future Electronics, Creekview Building, 3350 Monte Villa Parkway, Suite 210, Bothell, WA 98021, US
96. Future Electronics, 6256 Greenwich Drive, Suite 250, San Diego, CA 92122, US
97. Future Electronics, 1640 Lead Hill Road, Suite 200, Roseville, CA 95661, US
98. Future Electronics, 5250 Neil Road, Suite 106, Reno, NV 89502, US
99. Future Electronics, 41 Main Street, Bolton, MA 01740, US
100. Future Electronics, 10975 Grandview Drive, Suite 330, Overland Park, KS 66210, US
101. Future Electronics, 8520 Allison Point Boulevard, Suite 205, Indianapolis, IN 46250, US
102. Future Electronics, 10333 Richmond Avenue, Suite 970, Houston, TX 77042, US
103. Future Electronics, Parsippany Place, 959 Route 46 E, Suite 303, Parsippany, NJ 07054, US
104. Future Electronics, 38800 Country Club Drive, Suite 100, Farmington Hills, MI 48331, US
105. Future Electronics, 1430 Oak Court, Suite 203, Beaver creek, OH 45430, US
106. Future Electronics, 6060 Rockside Woods Boulevard, Suite 141, Independence, OH 44131, US
107. Future Electronics, 6650 SW Redwood Lane, Suite 160, Portland, OR 97224, US
108. Future Electronics, 4801 East Washington Street, Suite 225, Phoenix, AZ 85034, US
109. Future Electronics, 2000 Crawford Place, Suite 900, Mount Laurel, NJ 08054, US
110. Future Electronics, 175 North Corporate Drive, Suite 150, Brookfield, WI 53045, US
111. Future Electronics, 3033 Express Drive North, Hauppauge, NY 11749, US
112. Future Electronics, 25-B Technology Drive, Suite 200, Irvine, CA 92618, US
113. Future Electronics, 4960 Corporate Drive N, Suite 150, Huntsville, AL 35805, US
114. Future Electronics, 4595 Broadmoor Avenue SE, Suite 280, Grand Rapids, MI 49512, US
115. Future Electronics, Parker Business Center, 2800 Sumner Boulevard, Suites 154, 160, 166-A, Raleigh, NC 27616, US
116. Future Electronics, 59 Skyline Drive, Suite 1000, Lake Mary, FL 32746, US
117. Future Electronics, 5000 Stonewood Drive, Suite 200, Wexford, PA 15090, US
118. Jaco Electronics, 145 Oser Avenue, Hauppauge, NY 11788, US
119. Justin Electronics Corp., 400 Oser Avenue, #800, Hauppauge, NY 11788, US
120. LXI, 501 Airport North Office Park, Fort Wayne, IN 46825, US
121. LXI, 190 Lime Quarry Road, Suite 205, Madison, AL 35758, US
122. LXI, 400 Fuller Wiser Road, Suite 111, Euless, TX 76039, US
123. LXI, 100 Airport Drive, Wappingers Falls, NY 12590, US
124. Mouser Electronics, Inc., 382 Route 46, Suites 1 & 2, Budd Lake, NJ 07828, US
125. Mouser Electronics, Inc., 1000 North Main Street, Mansfield, TX 76063, US
126. Mouser Electronics, Inc., 1810 Gillespie Way, Suite 101, El Cajon, CA 92020, US
127. Newark InOne, 1080 Woodcock Road, Suite 111, Orlando, FL 32803-3514, US
128. Newark InOne, 3230 West Commercial Boulevard, Suite 300, Fort Lauderdale, FL 33309-3400, US
129. Newark InOne, 22 Technology Park, Suite 250, Norcross, GA 33092-3053, US
130. Newark InOne, 1919 South Highland Avenue, Suite A320, Lombard, IL 60148-6119, US
131. Newark InOne, 11555 North Meridian, Suite 520, Carmel, IN 46032, US
132. Newark InOne, 10200 Innovation Drive, Suite 550, Milwaukee, WI 53226-1403, US
133. Newark InOne, 7272 Park Circle Drive, Suite 260, Hanover, MD 21076-1306, US
134. Newark InOne, 65 Boston Post Road West, Marlborough, MA 01752-1854, US
135. Newark InOne, 59 Composite Way, Suite 200, Boston, MA 01851-5150, US
136. Newark InOne, 5750 New King Street, Troy, MI 48098, US
137. Newark InOne, 2021 East Hennepin Avenue, Suite 530, Minneapolis, MN 55413-2722, US
138. Newark InOne, 2458 Old Dorsett Road, Suite 205, Maryland Heights, MO 63043, US
139. Newark InOne, 1701 Pinecroft Road, Suite 101, Greensboro, NC 27407-3855, US
140. Newark InOne, 11128 John Galt Boulevard, Suite 550, Omaha, NE 68137-2321, US
141. Newark InOne, 197 Highway 18 South, Suite 205, East Brunswick, NJ 08816-1440, US
142. Newark InOne, 7449 Morgan Road, 1st Floor, Liverpool, NY 13090-3901, US
143. Newark InOne, 4250 Veterans Memorial Highway, Suite 301, Holbrook, NY 11741, US
144. Newark InOne, 1400 Commerce Center Drive, Suite E, Franklin, OH 45005, US
145. Newark InOne, 6400 Rockside Road, Independence, OH 44131, US

Manufacturer and Supplier Location Information

Manufacturer: Vishay Angstrom (CAGE Code: 17745)

Location: P.O. Box 609, 1122 23rd Street, Columbus, NE 68602-0609, US

Plant Location: Same Address as Manufacturer

Category A

Distributor Locations:

1. Acacia/Deanco Electronics, 16592 Milliken Avenue, Irvine, CA 92714, US
2. Acacia/Deanco Electronics, 1288 Hammerwood Avenue, Sunnyvale, CA 94086, US
3. Bell Industries, Electronic Distributor Division, 515 Busse Road, Elk Grove Village, IL 60007, US
4. Command Electronics Corp., 42 Central Drive, Farmingdale, NY 11725, US
5. Dee Electronics, 2500 16th Avenue, SW, Cedar Rapids, IA 52406, US
6. Fairmont Electronic Sales Corp., 295 Oser Avenue, Hauppauge, NY 11787, US
7. Hamilton/Avnet, 620 North Industry Drive, Oxford, NC 27565 275, US
8. Kent Electronics, Inc., 4040 Sorrento Valley Road, San Diego, CA 92121, US
9. Kent Electronics, Inc., 1520 Montague Expressway, San Jose, CA 95131, US
10. Kent Electronics, Inc., 2515 Wabash Avenue, St Paul, MN 55114, US
11. Kent Electronics, Inc., 9760 Owensmouth Avenue, Chatsworth, CA 91311, US
12. L & S Electronics, Inc., 139 North Central Avenue, Valley Stream, L.I., NY 11580, US
13. Mayer Electronics Company, 34 Linnell Circle, Billerica, MA 01821, US
14. Pioneer Standard Electronics, P.O. Box 291, Dayton, OH 45404, US
15. Pioneer Standard Electronics, 4800 E. 131 Street, Cleveland, OH 44105, US
16. Resco/Baltimore, 4961 Mercantile Road, Baltimore, MD 21236, US
17. Stotts-Friedman Company, Inc., 2600 East-River Road, Dayton, OH 45439, US
18. Summit Distributors, 916 Main Street, Buffalo, NY 14202, US
19. T. T. I., Inc, 10200 Sepulveda Boulevard, Millsion Hills, CA 91345, US
20. T. T. I., Inc, 4033 East Belknap, Fort Worth, TX 76111, US
21. T. T. I., Inc, 1570 Brookhollow, Suite 103, Santa Ana, CA 92705, US
22. T. T. I., Inc, 670-A Lakeview Plaza Boulevard, Columbus, OH 43085, US
23. Vishay Dale, P.O. Box 609, Columbus, NE 68601, US
24. Waco Electronics, 4900 Monaco Parkway, Commerce City, CO 80022, US

Manufacturer: Vishay Dale Electronics, Inc. (CAGE Code: 91637)

Location: P.O. Box 609, 1122 23rd Street, Columbus, NE 68602-0609, US

Plant Locations:

1. Same Address as Manufacturer
2. Vishay Dale (Norfolk, NE), 2300 Riverside Blvd., Norfolk, NE, US

Category A

Distributor Locations:

1. Arrow Electronics/PEMCO Group, 2900 Westchester Avenue, Suite 401, Purchase, NY 10577-2508, US
2. Avnet EMG, 60 S. McKemy, Chandler, AZ 85226, US
3. Bell Industries, Micro-Mil Division, 446 Windsor Park Drive, Dayton, OH 45459, US
4. Future Electronics, 237 Hymus Boulevard, Pointe Claire,, Quebec, Canada H9R 5C7, Canada
5. Jaco Electronics, 145 Oser Avenue, Hauppauge, NY 11788, US
6. Kent Electronics, Inc., 7433 Harwin Drive, Houston, TX 77036-2015, US
7. New Yorker Electronics, 420 Center Avenue, Mamaroneck, NY 10543, US
8. Pioneer Standard Electronics, 4800 E. 131 Street, Cleveland, OH 45105, US
9. Tri-Start Electronics, Inc., 134 Remington Boulevard, Ronkonkoma, NY 11779, US

Category B - Hot Soder Dip Only 39007, 39009, 39017, 55182

Distributor Location:

1. Loras Industries, Inc., 2640 Freewood Drive, Dallas, TX 75220, US

Category B - MIL-R-55182 only

Distributor Location:

1. T.T.I., Inc., 2441 Northeast Parkway, Fort Worth, TX 76101-1896, US

Manufacturer: Vishay Intertechnology, Inc. (CAGE Code: 18612)

Location: 63 Lincoln Highway, Malvern, PA 19355-2143, US

Plant Location: Vishay Israel, Ltd., 2 Ha'ofan Street, Holon 58125, Israel, Israel

Category A

Distributor Locations:

1. Bell Industries, 15200 Marquardt Avenue, Santa Fe Springs, CA 90670, US
2. Kent Electronics, Inc., 7433 Harwin Drive, Houston, TX 77036-2015, US
3. T. T. I., Inc., 2441 Northeast Parkway, Fort Worth, TX 76101-1896, US
4. Texas Components Corp, 1716 W. Sam Houston Parkway N., Houston, TX 77043, US
5. Vishay Resistors, 63 Lincoln Highway, Malver, PA 19355-2120, US

Category A

NON-STOCKING: DOES NOT STOCK PARTS IN QUANTITY

Manufacturer and Supplier Location Information

Distributor Locations:

1. Bell Industries, 100 Burr Road, #106, Andover, MA 01810, US
2. Bell Industries, 271 Route 46 W., Suites F202-203, Fairfield, NJ 07004, US
3. Bell Industries, 158 Gaither Drive, Suite 110, Mt. Laurel, NJ 08054, US
4. Bell Industries, 3000-D Business Park Drive, Norcross, GA 30071, US
5. Bell Industries, 650 South North Lake Blvd. Suite 400, Altamonte Springs, FL 32701, US
6. Bell Industries, 31200 Solon Road, Suite 12, Solon, OH 44139, US
7. Bell Industries, 525 Airport North Office Park, Fort Wayne, IN 46825, US
8. Bell Industries, Micro-Mil Division, 444 Windsor Park Drive, Dayton, OH 45459, US
9. Bell Industries, 1701 Greeneville, Suite 306, Richardson, TX 75081, US
10. Bell Industries, 11728 Linn, N.E., Albuquerque, NM 87123, US
11. Bell Industries, 10611 N. Hayden Road, Suite D=103, Scottsdale, AZ 85260, US
12. Bell Industries, 9275 S.W. Nimbus Avenue, Beaverton, OR 97005-7132, US
13. Bell Industries, 3001 Douglas Boulevard, Suite 205, Roseville, CA 95661, US
14. Bell Industries, 1161 North Fair Oaks Avenue, Sunnyvale, CA 94086, US
15. Bell Industries, 220 Technology Drive, Suite 100, Irvine, CA 92718, US
16. Bell Industries, 5520 Ruffin Road, #103, San Diego, CA 92123-1320, US
17. Bell Industries, 6912 S. 185 West, Suite B, Midvale, UT 84047, US
18. Bell Industries, 9351 Grant Street, Suite 460, Thornton, CO 80229, US
19. Bell Industries, 30101 Aquora Court, Suite 118, Aquora Hills, CA 91301, US
20. Bell Industries, 11812 San Vicente Blvd., Suite 300, Los Angeles, CA 90049, US
21. Bell Industries, 8945 Guilford Road, #130, Columbia, MD 21046-1409, US
22. Bell Industries, 870 Cambridge, Elk Grove Village, IL 60007-2437, US
23. Bell Industries, P. O. Box 6885, Indianapolis, IN 46268-0885, US
24. Bell Industries, 555 Sparkman Drive, Suite 600D, Huntsville, AL 35816, US
25. Bell Industries, 1715 114th Avenue, S.E., Suite 208, Bellevue, WA 98004, US
26. Bell Industries, 1064 E. Main Street, Meridan, CT 06450, US
27. Hamilton Hallmark, 10-D Centennial Drive, Peabody, MA 01960, US
28. Hamilton Hallmark, 10 Lanidex Plaza West, Parsippany, NJ 07054-2715, US
29. Hamilton Hallmark, 2440 S. 179th Street, New Berlin, WI 53146, US
30. Hamilton Hallmark, 44191 Plymouth Oaks Blvd., Plymouth, MI 48170, US
31. Hamilton Hallmark, 655 W. Carmel Drive, Suite 160, Carmel, IL 46032, US
32. Hamilton Hallmark, 7760 Washington Village Drive, Dayton, OH 45459, US
33. Hamilton Hallmark, 5821 Harper Road, Solon, OH 44139, US
34. Hamilton Hallmark, 777-L Dearborn Park Lane, Worthington, OH 43085, US
35. Hamilton Hallmark, 1847-G Mercer Road, Lexington, KY 40511, US
36. Hamilton Hallmark, 4890 University Drive, Suite 1, Huntsville, AL 35805-6229, US
37. Hamilton Hallmark, 10491 72nd Street, N., Largo, FL 34647, US
38. Hamilton Hallmark, P. O. Box 2647, Culver City, CA 90230, US
39. Hamilton Hallmark, 7801 Academy Road, Bldg. 1, Suite 102, Albuquerque, NM 87109, US
40. Hamilton Hallmark, 7400 N. Oracle Street, Tucson, AZ 85704, US
41. Hamilton Hallmark, 1626 S Edward Drive, Tempe, AZ 85281, US
42. Hamilton Hallmark, 580 Menlo Drive, Suite 2, Rocklin, CA 95677, US
43. Hamilton Hallmark, 2105 Lundy Avenue, San Jose, CA 95131, US
44. Hamilton Hallmark, 3170 Pullman Street, Costa Mesa, CA 92626, US
45. Hamilton Hallmark, 4545 Viewridge Avenue, San Diego, CA 92123, US
46. Hamilton Hallmark, 1100 E. 6600 S., Suite 120, Salt Lake City, UT 84121, US
47. Hamilton Hallmark, 710 Wooten Road, Suite 28, Colorado Springs, CO 80915, US
48. Hamilton Hallmark, 12606 E. 51st Street, Tulsa, OK 74147, US
49. Hamilton Hallmark, 12503 E. Euclid Drive, Suite 20, Englewood, CO 80111, US
50. Hamilton Hallmark, 11-A Founders Boulevard, El Paso, TX 79906, US
51. Hamilton Hallmark, 12211 Technology Boulevard, Austin, TX 78759, US
52. Hamilton Hallmark, 1406 N. 28th Street, Suite 105, Harlingen, TX 78550, US
53. Hamilton Hallmark, 8000 Westglen, Houston, TX 77063, US
54. Hamilton Hallmark, 11420 Pagemill Drive, Dallas, TX 75243, US
55. Hamilton Hallmark, 4805 Green's Dairy Road, Suite 120, Raleigh, NC 27604, US
56. Hamilton Hallmark, 7134 Columbia Gateway Circle, Columbia, MD 21046-2101, US
57. Hamilton Hallmark, 1057 Henrietta Road, Rochester, NY 14623, US
58. Hamilton Hallmark, 390 Rabro Drive, Hauppauge, NY 11788, US
59. Hamilton Hallmark, 10809 Lakeview Drive, Lenexa, KS 66215, US
60. Hamilton Hallmark, 3783 Rider Trail, S., Earth City, MO 63045, US
61. Hamilton Hallmark, 1130 Thorndale Avenue, Bensenville, IL 60106, US
62. Hamilton Hallmark, 9401 James Avenue S., Suite 140, Bloomington, MN 55431, US
63. Hamilton Hallmark, 21150 Califa Street, Woodland Hills, CA 91367, US
64. Hamilton Hallmark, 4637 South 36th Place, Phoenix, AZ 85040, US
65. Hamilton Hallmark, 7079 University Boulevard, Winter Park, FL 32792, US
66. Hamilton Hallmark, 3425 Corporate Way, Suites A & G, Duluth, GA 30136, US
67. Hamilton Hallmark, 9750 S.W. Nimbus Avenue, Beaverton, OR 97005-7132, US
68. Hamilton Hallmark, 1 Keystone Avenue, Bldg 36, Cherry Hill, NJ 08003, US
69. Hamilton Hallmark, 125 Commerce Court, Unit 6, Cheshire, CT 06410, US
70. Hamilton Hallmark, 8214 154th Avenue, N.E., Redmond, WA 98052-3556, US
71. Hamilton Hallmark, 3350 N.W. 53rd Street, Suites 105-107, Ft. Lauderdale, FL 33309, US
72. Jaco Electronics, 1053 East Street, Tewksbury, MA 01876, US
73. Jaco Electronics, 4900 S.W. Griffith Drive, Suite 129, Beaverton, OR 97005, US
74. Jaco Electronics, 1610-A Berryessa Road, San Jose, CA 95134, US
75. Jaco Electronics, 1541-A Parkway Loop, Tustin, CA 92680, US

Manufacturer and Supplier Location Information

Manufacturer: Wilbrecht Electronics, Inc. (CAGE Code: 0KUU5)

Location: 1400 Energy Park Drive, Suite 18, St. Paul, MN 55108-5248, US

Plant Location: 155 Waibel Drive, NE, Huron, SD 57530, US