



QUALIFICATIONS VALIDATED  
EVERY TWO YEARS

QPL-55182-158  
05-Apr-06  
SUPERSEDING  
QPL-55182-157  
14-Jun-05

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION  
MIL-PRF-55182  
RESISTORS, FIXED, FILM, NONESTABLISHED RELIABILITY,  
ESTABLISHED RELIABILITY, AND SPACE LEVEL,  
GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-PRF-55182. 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 product 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 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.

NOTES: 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. These lists are 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 lists have been compiled from information furnished by the manufacturers of ER parts prior to release of this QPL.

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

<u>COMPANY</u>	<u>COD</u>
Vishay Angstrohm	A
Vishay Dale	D
IRC (Boone)	R

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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**Part 1**

<b>RNC50*</b> Chars. J; res. values 100 ohms thru 100000 ohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC, Inc
<b>RNC50*</b> Chars. H, K; res. values 10 ohms thru 100000 ohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC, Inc
<b>RNC50*</b> Chars. H, J; res. values 10 ohms thru 796000 ohms; 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)
<b>RNC50*</b> Chars. K; res. values 10 ohms thru 796000 ohms; 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)
<b>RNC51*</b> Chars. H, J; res. values 10 ohms thru 200000 ohms; tols. B, D, F; life failure rates M, P, R, S	ERC50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
<b>RNC51*</b> Chars. , K; res. values 10 ohms thru 200000 ohms; tols. D, F; life failure rates M, P, R, S	ERC50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)

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<b>Part 1</b>				
<b>RNC55*</b> Chars. H, J; res. values 10 ohms thru 1000000 ohms; tols. B, D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC, Inc
<b>RNC55*</b> Chars. H, J, K; res. values 10 ohms thru 1000000 ohms; tols. D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC, Inc
<b>RNC55*</b> Chars. H, J; res. values 10 ohms thru 2000000 ohms; 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)
<b>RNC55*</b> Chars. K; res. values 10 ohms thru 2000000 ohms; 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)
<b>RNC56*</b> Chars. K; res. values 10 ohms thru 1210000 ohms; tols. D, F; life failure rates M, P, R, S	ERC-56-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
<b>RNC56*</b> Chars. H, J; res. values 10 ohms thru 1210000 ohms; tols. B, D, F; life failure rates M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
<b>RNC60*</b> Chars. H, J, K; res. values 10 ohms thru 100000 ohms; 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, Inc
<b>RNC60*</b> Chars. H, J, K; res. values 2000000 ohms thru 3010000 ohms; tols. D, F; life failure rates M	ERC-55-200 ERC-55-201	55182-94-88 55182-542-88	/3	Vishay Dale (Columbus, NE)
<b>RNC60*</b> Chars. H, J, K; res. values 10 ohms thru 2000000 ohms; tols. B, D, F; life failure rates M, P, R, S	ERC-55-200 ERC-55-201	55182-94-88 55182-542-88	/3	Vishay Dale (Columbus, NE)
<b>RNC65*</b> Chars. H, J; res. values 10 ohms thru 3010000 ohms; tols. B, D, F; life failure rates M, P, R	ERC-65 ERC-65-65	55182-185-77 55182-304-65	/5	Vishay Dale (Columbus, NE)
<b>RNC65*</b> Chars. K; res. values 10 ohms thru 3010000 ohms; 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)
<b>RNC70*</b> Chars. H, J; res. values 10 ohms thru 3010000 ohms; tols. B, D, F; life failure rates M, P, R	ERC-70 ERC-70-4	55182-506-86 55182-304-87	/6	Vishay Dale (Columbus, NE)
<b>RNC90*</b> Chars. T, Y; res. values 30.1 ohms thru 121000 ohms; 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.
<b>RNC90*</b> Chars. Y; res. values 16.2 ohms thru 30 ohms; tols. A, B, D, F; life failure rates M, P, R	S555	55182-339-82 55182-340-82 55182-342-82 55182-1320-83 55182-58-90	/9	Vishay Intertechnology (Malvern, PA)
<b>RNC90*</b> Chars. Y; res. values 30.1 ohms thru 499000 ohms; tols. A, B, D, F, T, V; life failure rates M, P, R	S555	55182-339-82 55182-340-82 55182-342-82 55182-1320-83 55182-58-90	/9	Vishay Intertechnology (Malvern, PA)

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<b>Part 1</b>				
<b>RNC90*</b> Chars. Y; res. values 50 ohms thru 121000 ohms; tols. A, B, D, F, T, V; life failure rates M, P, R	S555	55182-339-82 55182-340-82 55182-342-82 55182-1320-83 55182-58-90	/9	Vishay Intertechnology (Malvern, PA)
<b>RNC90*</b> 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.
<b>RNC90*</b> Chars. S, Z; res. values 30.1 ohms thru 121000 ohms; tols. A, B, D, F, T; life failure rates M, P, R	Z555 Z555L	55182-052-01 55182-316-02 55182-670-03	/9	Vishay Israel, Ltd.
<b>RNC90*</b> 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.
<b>RNC90</b> Chars. S, Z; res. values 30.1 ohms thru 121000 ohms; tols. A, B, D, F, T, V; life failure rates M, P, R	WZ	55182-1312-05	/9	Wilbrecht Electronics, Inc
<b>RNC90</b> Chars. T, Y; res. values 4.99 ohms thru 121000 ohms; 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
<b>RNN50*</b> Chars. H, J, K; res. values 10 ohms thru 301000 ohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC, Inc
<b>RNN55*</b> Chars. H, J, K; res. values 1000000 ohms thru 2000000 ohms; tols. F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC, Inc
<b>RNN55*</b> Chars. H, J; res. values 10 ohms thru 1000000 ohms; tols. B, D, F; life failure rates C, M, P, R, S	TJ-55 TK-55 TN-55	55182-1226-76	/1	IRC, Inc
<b>RNN55*</b> Chars. K; res. values 10 ohms thru 1000000 ohms; tols. D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC, Inc
<b>RNN55*</b> Chars. C, E; res. values 10 ohms thru 1210000 ohms; tols. B, D, F; life failure rates M, P, R, S	HDN55 HDS55	55182-237-93 55182-222-94 55182-134-95 55182-052-96 55182-118-95 55182-158-96 55182-121-96	/1	Vishay Angstrom
<b>RNN57*</b> Chars. C, E; res. values 49.9 ohms thru 2000000 ohms; tols. F; life failure rates M, P, R, S	HDN57 HDS57	55182-117-95 55182-026-97 55182-121-96	/2	Vishay Angstrom
<b>RNN60*</b> Chars. K; res. values 10 ohms thru 100000 ohms; 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, Inc

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<b>Part 1</b>				
<b>RNN60*</b> Chars. H, J; res. values 10 ohms thru 100000 ohms; 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, Inc
<b>RNN60*</b> Chars. C, E; res. values 10 ohms thru 2490000 ohms; tols. B, D, F; life failure rates M, P, R, S	HDN60 HDS60	55182-223-94 55182-105-96 55182-125-96 55182-121-96	/3	Vishay Angstrom
<b>RNN65*</b> Chars. C, E; res. values 24.9 ohms thru 4990000 ohms; tols. B, D, F; life failure rates M, P	HDN65 HDS65	55182-124-96 55182-071-97 55182-050-99 55182-162-99	/5	Vishay Angstrom
<b>RNN70*</b> Chars. C, E; res. values 24.9 ohms thru 4990000 ohms; tols. B, D, F; life failure rates M, P	HDN70 HDS70	55182-124-96 55182-071-97 55182-050-99	/6	Vishay Angstrom
<b>RNN75*</b> Chars. E, J; res. values 49.9 ohms thru 1210000 ohms; tols. B, D, F; life failure rates M	HDN75 HDS75	55182-033-98 55182-050-99	/10	Vishay Angstrom
<b>RNR50*</b> Chars. H, J, K; res. values 10 ohms thru 301000 ohms; tols. F; life failure rates C, M, P, R, S	TJ-50	55182-748-86	/7	IRC, Inc
<b>RNR50*</b> Chars. H, J; res. values 10 ohms thru 796000 ohms; 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)
<b>RNR50*</b> Chars. K; res. values 10 ohms thru 796000 ohms; 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)
<b>RNR51*</b> Chars. H, J; res. values 10 ohms thru 200000 ohms; tols. B, D, F; life failure rates M, P, R, S	ERC50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
<b>RNR51*</b> Chars. K; res. values 10 ohms thru 200000 ohms; tols. D, F; life failure rates M, P, R, S	ERC50-12	55182-84-72	/11	Vishay Dale (Columbus, NE)
<b>RNR55*</b> Chars. H, J, K; res. values 1000000 ohms thru 2000000 ohms; tols. F; life failure rates C, M, P, R, S		55182-1226-76	/1	IRC, Inc
<b>RNR55*</b> Chars. H, J; res. values 10 ohms thru 1000000 ohms; tols. B, D, F; life failure rates C, M, P, R, S	TH-55 TJ-55 TK-55	55182-1226-76	/1	IRC, Inc
<b>RNR55*</b> Chars. K; res. values 10 ohms thru 1000000 ohms; tols. D, F; life failure rates C, M, P, R, S	T55 TJ-55 TK-55	55182-1226-76	/1	IRC, Inc
<b>RNR55*</b> Chars. C, E; res. values 10 ohms thru 1210000 ohms; tols. B, D, F; life failure rates M, P, R, S	HDN55 HDS55	55182-237-93 55182-222-94 55182-134-95 55182-052-96 55182-118-95 55182-158-96 55182-121-96	/1	Vishay Angstrom
<b>RNR55*</b> Chars. K; res. values 10 ohms thru 2000000 ohms; 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)

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<b>Part 1</b>				
<b>RNR55*</b> Chars. H, J; res. values 10 ohms thru 2000000 ohms; 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)
<b>RNR56*</b> Chars. K; res. values 10 ohms thru 1210000 ohms; tols. D, F; life failure rates M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
<b>RNR56*</b> Chars. H, J; res. values 10 ohms thru 1210000 ohms; tols. B, D, F; life failure rates M, P, R, S	ERC-55-91	55182-590-82	/12	Vishay Dale (Columbus, NE)
<b>RNR57*</b> Chars. C, E; res. values 49.9 ohms thru 2000000 ohms; tols. F; life failure rates M, P, R, S	HDN57 HDS57	55182-117-95 55182-026-97 55182-121-96	/2	Vishay Angstrohm
<b>RNR60*</b> Chars. K; res. values 10 ohms thru 100000 ohms; 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, Inc
<b>RNR60*</b> Chars. H, J; res. values 10 ohms thru 100000 ohms; 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, Inc
<b>RNR60*</b> Chars. C, E; res. values 10 ohms thru 2490000 ohms; tols. B, D, F; life failure rates M, P, R, S	HDN60 HDS60	55182-223-94 55182-105-96 55182-125-96 55182-121-96	/3	Vishay Angstrohm
<b>RNR65*</b> Chars. C, E; res. values 24.9 ohms thru 4990000 ohms; tols. B, D, F; life failure rates M, P	HDN65 HDS65	55182-124-96 55182-071-97 55182-050-99 55182-162-99	/5	Vishay Angstrohm
<b>RNR65*</b> Chars. K; res. values 10 ohms thru 301000 ohms; 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)
<b>RNR65*</b> Chars. H, J; res. values 10 ohms thru 301000 ohms; 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)
<b>RNR70*</b> Chars. C, E; res. values 24.9 ohms thru 4990000 ohms; tols. B, D, F; life failure rates M, P	HDN70 HDS70	55182-124-96 55182-071-97 55182-050-99	/6	Vishay Angstrohm
<b>RNR70*</b> Chars. K; res. values 10 ohms thru 3010000 ohms; 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)
<b>RNR70*</b> Chars. K; res. values 10 ohms thru 3010000 ohms; 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)
<b>RNR75*</b> Chars. E, J; res. values 49.9 ohms thru 1210000 ohms; tols. E, J; life failure rates M	HDN75 HDS75	55182-033-98 55182-050-99	/10	Vishay Angstrohm

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## Manufacturer and Supplier Location Information

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### Manufacturer: IRC, Inc (CAGE Code: 11502)

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

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

#### Category A

##### Distributor Locations:

1. Bell Industries, 15120 Marquardt Avenue, Santa Fe Springs, CA 90670, US
2. Bell Industries, 1401 S. Lindon Lane, Tempe, AZ 85281, US
3. Bell Industries, 30101 Aquora Court, Suite 118, Aquora Hills, CA 91301, US
4. Bell Industries, 11095-E Knott Avenue, Cypress, CA 90630, US
5. Bell Industries, 306 East Alondra Boulevard, Gardena, CA 92048, US
6. Bell Industries, 7827 Convoy Court, #403, San Diego, CA 92111, US
7. Bell Industries, 1161 North Fair Oaks Avenue, Sunnyvale, CA 94086, US
8. Bell Industries, 12421 West 49th Avenue, Wheatridge, CO 80033, US
9. Bell Industries, 600 South North Lake Blvd. Suite 400, Altamonte Springs, FL 32701, US
10. Bell Industries, 638 South Military Trail, Deerfield Beach, FL 33442, US
11. Bell Industries, 3020-A Business Park Drive, Norcross, GA 30071, US
12. Bell Industries, 870 Cambridge, Elk Grove Village, IL 60007, US
13. Bell Industries, 3433 East Washington Boulevard, Fort Wayne, IN 46803, US
14. Bell Industries, P.O. Box 6885, 5230 West 79th Street, Indianapolis, IN 46268, US
15. Bell Industries, 1701 Greeneville, Suite 306, Richardson, TX 75081, US
16. Bell Industries, 6912-B South 185, W., Midvale, UT 84047, US
17. Bell Industries, 226 N. 900 Eastmound Drive, Waukesha, WI 53186, US
18. Bell Industries, 6024 Southwest Jean Road, Lake Oswego, OR 97034, US
19. Bell Industries, 4311 Anthony Court, #100, Rocklin, CA 95677, US
20. Capstone, 500 Fellowship Road, Mt. Laurel, NJ 08054, US
21. Capstone, 1180 Murphy Avenue, San Jose, CA 95131, US
22. Capstone, 500 Horseblock Road, Brookhaven, NY 11719, US
23. Capstone, 4805 Green's Dairy Road, Suite 120, Raleigh, NC 27604, US
24. Capstone, 25 Upton Drive, Wilmington, MA 01887, US
25. Capstone, 1100 West Thorndale Avenue, Itasca, IL 60143, US
26. Capstone, 2961 Dow Avenue, Tustin, CA 92680, US
27. Capstone, 3220 Commander Drive, Carrollton, TX 75006, US
28. E M C, 1945 I-85 South, Charlotte, NC 28208, US
29. E M C, 14 Alpha Park, Highland Heights, OH 44143, US
30. E M C, 4660 Gateway Circle, Kettering, OH 45440, US
31. Future Electronics, 239 Hymus Boulevard, Pointe Claire, Quebec, Canada H9R 5C7, Canada
32. Jaco Electronics, 6035-J Atlantic Boulevard, Norcross, GA 30071, US
33. Jaco Electronics, 10270-F Old Columbia Road, Columbia, MD 20144, US
34. Jaco Electronics, 3029-107 Stoneybrook Drive, Raleigh, NC 27604, US
35. Jaco Electronics, 384 Pratt Street, Meriden, CT 06450, US
36. Jaco Electronics, 1202 Tech Boulevard, Suite 200-A, Tampa, FL 33619, US
37. Jaco Electronics/QC, 1005 Industrial Boulevard, Sugarland, TX 77478, US
38. Jaco Electronics/QC, 1053 East Street, Tewksbury, MA 01876, US
39. Jaco Electronics/QC, 3158 S. 108 East Avenue, Suite 274, Tulsa, OK 74146, US
40. Jaco Electronics/QC, 4257 Kellway Circle, Addison, TX 75244, US
41. Jaco Electronics/QC, 2120-M Braker Lane, Austin, TX 78758, US
42. Jaco/Distel, Inc., 23-441 South Point Drive, Suite 140, Laguna Hills, CA 92655, US
43. Jaco/Distel, Inc., 2880 Zanker Road, Suite 202, San Jose, CA 85134, US
44. Jaco/Distel, Inc., Bldg. O, Unit 202, 15014 N.E. 40th Street, Redmond, WA 98052, US
45. MS Electronics, 8031 Cessna Avenue, Gaithersburg, MA 20879, US
46. New Yorker Electronics, 1103 W. Hibiscus Boulevard, Melbourne, FL 32901, US
47. Projections Unlimited, 14831 Myford Road, Tustin, CA 92680, US
48. Summit Electronics, 292 Commerce Drive, Rochester, NY 14623, US

#### Category A

NON-STOCKING: DOES NOT STOCK PARTS IN QUANTITY

##### Distributor Locations:

1. Bell Industries, 22812 San Vincente Blvd., Suite 300, Los Angeles, CA 90049, US
2. Bell Industries, Micro-Mil Division, 446 Windsor Park Drive, Dayton, OH 45459, US
3. C & D Electronics, 90 Carando Drive, Springfield, MA 01104, US
4. Capstone, 3254 Fraser Street, Aurora, CO 80011, US
5. Dee Electronics, 2400 16th Avenue SW, Cedar Rapids, IA 51406, US
6. E M C, 1150 West Third Ave., Columbus, OH 43212, US
7. Gerber Electronics, 128 Carnegie Row, Norwood, MA 02062, US
8. Jaco/Distel, Inc., 2282 Townsgate Road, Suite 100, Westlake Village, CA 91361, US
9. Marsh Electronics, 1563 South 101th Street, Milwaukee, WI 53214, US
10. Neumann Electronics, 7964-C Arjons Drive, San Diego, CA 92126, US
11. New Yorker Electronics, 420 Center Avenue, Mamaroneck, NY 10543, US
12. Newark Electronics, 4801 N. Ravenswood, Chicago, IL 60640, US
13. OHM/Resource, 746 Vermont Street, Palatine, IL 60067, US

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## Manufacturer and Supplier Location Information

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14. Passive Components, Inc., 21113 Superior Street, Chatsworth, CA 91311, US
15. Radar Electronics, 168 Western Avenue, W., Seattle, WA 98119, US
16. Repco Electronics, Inc., 6561 Cochran Ran, Solon, OH 44139, US
17. Resco/Baltimore, 4961 Mercantile Road, Baltimore, MD 21236, US
18. Schuten Electronics, 4815 Butterfield Road, Hillside, IL 60162, US
19. Spirit Electronics, 7819 East Greenway, Suite 9, Scottsdale, AZ 85269, US
20. Summit Electronics, 916 Main Street, Buffalo, NY 14202, US

### Category B

NON-STOCKING: DOES NOT STOCK PARTS IN QUANTITY

Distributor Locations:

1. Jaco Electronics, 145 Oser Avenue, Hauppauge, L.I., NY 11787, US
2. Justin Electronics, 3300 Highway 421 North, Wilmington, NC 28402, US

### Manufacturer: Roederstein (CAGE Code: D0140)

Location: Ludmillastrabe 23/25, Postfach 588/589, D-8300 Landshut/Bayern West Germany, West Germany

Plant Location: Same Address as Manufacturer

### Manufacturer: Vishay Angstrom (CAGE Code: 17745)

Location: 18400 Predision Place, Hagerstown, MD 21742, US

Plant Location: Same Address as Manufacturer

### Category A

Distributor Locations:

1. Jaco Electronics, 145 Oser Avenue, Hauppauge, L.I., NY 11787, US
2. Jaco Electronics, 3029-107 Stoneybrook Drive, Raleigh, NC 27604, US
3. Jaco Electronics, 10270-F Old Columbia Road, Columbia, MD 21046, US
4. Jaco Electronics, 1053 East Street, Tewksbury, MA 01876, US
5. Kent Electronics, Inc., 21 Alpha Road, Chelmsford, MA 01824, US
6. Resco/Baltimore, 4961 Mercantile Road, Baltimore, MD 21236, US
7. Resco/Washington, 10523 Ewing Road, Beltsville, MD 20705, US
8. T. T. I., Inc, 4096 Sandshell Drive, Fort Worth, TX 76137, US

### Category A

NON-STOCKING: DOES NOT STOCK PARTS IN QUANTITY

Distributor Locations:

1. C & D Electronics, 90 Carando Drive, Springfield, MA 01104, US
2. C & D Electronics, 3010 W. Gandy Blvd., Suite 12, Tampa, FL 33611, US
3. Command Electronics Corp., 42 Central Drive, Farmingdale, NY 11735, US
4. G & A Sales, P.O. Box 39398, 2854 Blue Rock Road, Cincinnati, OH 45239, US
5. Jaco Electronics, 2102 Tech Boulevard, Tampa, FL 32519, US
6. Jaco Electronics, 3247 Kellway Circle, Addison, TX 75224, US
7. Jaco Electronics, 1060 Holland Drive, Boca Raton, FL 33487, US
8. Jaco Electronics, 384 Pratt Street, Meriden, CT 06450, US
9. Jaco Electronics, 2282 Townsgate Road, Suite 100, Westlake Village, CA 91361, US
10. Jaco Electronics, 2880 Zanker Road, Suite 202, San Jose, CA 95134, US
11. Jaco Electronics, 23-441 South Point Drive, Suite 140, Laguna Hills, CA 92653, US
12. Kent Electronics, Inc., 2190 N. Gladstone Court, Glendale Heights, IL 60139, US
13. Kent Electronics, Inc., 3121-B South Dodgion, Independence, MO 64055, US
14. Kent Electronics, Inc., 9760 Owensmouth Avenue, Chatsworth, CA 91311, US
15. Kent Electronics, Inc., 6195 Cornerstone Court East, San Diego, CA 92121, US
16. Kent Electronics, Inc., 1520 Montague Expressway, San Jose, CA 95131, US
17. Kent Electronics, Inc., 1500 West Hampden, Bldg 4, Englewood, CO 80110, US
18. Kent Electronics, Inc., 5300 N. Park Place, N.E., Suite 110, Cedar Rapids, IA 52402, US
19. Kent Electronics, Inc., 5494 Brown Road, Hazelwood, MO 63042, US
20. Kent Electronics, Inc., 549 S. 48th Street, Suite 104, Tempe, AZ 85281, US
21. Kent Electronics, Inc., 15209 N.E. 95th, Redmond, WA 98052, US
22. Kent Electronics, Inc., 9280 Bay Plaza Boulevard, Tampa, FL 33619-9627, US
23. Kent Electronics, Inc., 1727 North Ocean Avenue, Medford, NY 11763, US
24. L & S Electronics, Inc., 139 N. Central Avenue, Valley Stream, NY 11580, US
25. L & S Electronics, Inc., 21 Burns Lane, Charleston, SC 29481, US
26. Mast Distributors, Inc., 710 Union Parkway, Ronkonkoma, NY 11779, US
27. Micro Mil Division, 446 Windsor Park Drive, Dayton, OH 45459, US
28. MMG Electronics/L & S, 8831 49th Street N., Pinellas Park, FL 34665, US
29. Passive Components, Inc., 1590 Oakland Road, San Jose, CA 95131, US
30. Passive Components, Inc., 21113 Superior Street, Chatsworth, CA 91311, US
31. T. T. I., Inc, 6220 South Orange Blossom Trail, Suite 516, Orlando, FL 32809, US
32. T. T. I., Inc, 7539 Airport Freeway, Fort Worth, TX 76118, US
33. T. T. I., Inc, 670-A Lakeview Plaza Boulevard, Columbus, OH 43085, US
34. T. T. I., Inc, 921 South Second Street, Ronkonkoma, NY 11779, US
35. T. T. I., Inc, 100 Century Parkway, Suite 120, Mt. Laurel, NJ 08054, US

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## Manufacturer and Supplier Location Information

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36. T. T. I., Inc, 5500-77 Center Drive, Charlotte, NC 28217, US
37. T. T. I., Inc, 12301 Whitewater Drive, Minnetonka, MN 55343, US
38. T. T. I., Inc, 6420-B Dobbin Road, Columbia, MD 21045, US
39. T. T. I., Inc, 100 Research Drive, Wilmington, MA 01887, US
40. T. T. I., Inc, 2979-A Pacific Drive, Norcross, GA 30071, US
41. T. T. I., Inc, 13220 Evening Creek Drive, S., San Diego, CA 92128, US
42. T. T. I., Inc, 9577 N.E. 153rd Avenue, Redmond, WA 98052, US
43. T. T. I., Inc, 4625 S. Wendler Drive, Suite 108

4625 S. Wendler Drive, Suite 108, Tempe, AZ 85282, US

44. T. T. I., Inc, 1535 McCandless Dr., Bldg 11, Milpitas, CA 95035, US
45. T. T. I., Inc, 10200 Sepulveda Blvd., Suite 300, Mission Hills, CA 91345, US
46. T. T. I., Inc, 8 Fairfield Boulevard, Wallingford, CT 06492, US
47. T. T. I., Inc, 6800 N. Broadway, Suite 107, Denver, CO 80221, US
48. T. T. I., Inc, 1570 Brookhollow, Suite 103, Santa Ana, CA 92705, US
49. Texas Components Corp, 1716 W. Sam Houston Parkway N., Houston, TX 77043, US

### Category B

#### Distributor Locations:

1. Kent Electronics, Inc., 2515 Wabash Avenue, St. Paul, MN 55114, US
2. T. T. I., Inc, (HQ), 2441 Northeast Parkway, Fort Worth, TX 76101-1896, US
3. Vishay Dale, 2300 Riverside Boulevard, Norfolk, NE 68701, US

#### Manufacturer: Vishay Angstrom (CAGE Code: 17745)

Location: 18400 Precision Place, Hagerstown, MD 21742-1827, 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, US
8. Kent Electronics, Inc., 2515 Wabash Avenue, St Paul, MN 55114, US
9. Kent Electronics, Inc., 9760 Owensmouth Avenue, Chatsworth, CA 91311, US
10. Kent Electronics, Inc., 4040 Sorrento Valley Road, San Diego, CA 92121, US
11. Kent Electronics, Inc., 1520 Montague Expressway, San Jose, CA 95131, 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, 4800 E. 131 Street, Cleveland, OH 44105, US
15. Pioneer Standard Electronics, P.O. Box 291, Dayton, OH 45404, 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, 1570 Brookhollow, Suite 103, Santa Ana, CA 92705, US
21. T. T. I., Inc, 670-A Lakeview Plaza Boulevard, Columbus, OH 43085, US
22. T. T. I., Inc, 4033 East Belknap, Fort Worth, TX 76111, 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 (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



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## Manufacturer and Supplier Location Information

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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 Locations:

1. Same Address as Manufacturer
2. 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

Distributor Locations:

1. Bell Industries, 8945 Guilford Road, #130, Columbia, MD 21046-1409, US
2. Bell Industries, 1161 North Fair Oaks Avenue, Sunnyvale, CA 94086, US
3. Bell Industries, 9351 Grant Street, Suite 460, Thornton, CO 80229, US
4. Bell Industries, 1064 E. Main Street, Meridan, CT 06450, US
5. Bell Industries, 650 South North Lake Blvd. Suite 400, Altamonte Springs, FL 32701, US
6. Bell Industries, 3000-D Business Park Drive, Norcross, GA 30071, US
7. Bell Industries, 870 Cambridge, Elk Grove Village, IL 60007-2437, US
8. Bell Industries, 525 Airport North Office Park, Fort Wayne, IN 46825, US
9. Bell Industries, 5520 Ruffin Road, #103, San Diego, CA 92123-1320, US
10. Bell Industries, 100 Burr Road, #106, Andover, MA 01810, US
11. Bell Industries, 9275 S.W. Nimbus Avenue, Beaverton, OR 97005-7132, US
12. Bell Industries, 271 Route 46 W., Suites F202-203, Fairfield, NJ 07004, US
13. Bell Industries, 158 Gaither Drive, Suite 110, Mt. Laurel, NJ 08054, US
14. Bell Industries, 11728 Linn, N.E., Albuquerque, NM 87123, US
15. Bell Industries, Micro-Mil Division, 444 Windsor Park Drive, Dayton, OH 45459, US
16. Bell Industries, 31200 Solon Road, Suite 12, Solon, OH 44139, US
17. Bell Industries, 1701 Greeneville, Suite 306, Richardson, TX 75081, US
18. Bell Industries, 1715 114th Avenue, S.E., Suite 208, Bellevue, WA 98004, US
19. Bell Industries, 555 Sparkman Drive, Suite 600D, Huntsville, AL 35816, US
20. Bell Industries, P. O. Box 6885, Indianapolis, IN 46268-0885, US
21. Bell Industries, 11812 San Vicente Blvd., Suite 300, Los Angeles, CA 90049, US
22. Bell Industries, 220 Technology Drive, Suite 100, Irvine, CA 92718, US
23. Bell Industries, 30101 Aquora Court, Suite 118, Aquora Hills, CA 91301, US
24. Bell Industries, 10611 N. Hayden Road, Suite D=103, Scottsdale, AZ 85260, US
25. Bell Industries, 6912 S. 185 West, Suite B, Midvale, UT 84047, US
26. Bell Industries, 3001 Douglas Boulevard, Suite 205, Roseville, CA 95661, US
27. Hamilton Hallmark, 4805 Green's Dairy Road, Suite 120, Raleigh, NC 27604, US
28. Hamilton Hallmark, 5821 Harper Road, Solon, OH 44139, US
29. Hamilton Hallmark, 7760 Washington Village Drive, Dayton, OH 45459, US
30. Hamilton Hallmark, 1057 Henrietta Road, Rochester, NY 14623, US
31. Hamilton Hallmark, 390 Rabro Drive, Hauppauge, NY 11788, US
32. Hamilton Hallmark, 7801 Academy Road, Bldg. 1, Suite 102, Albuquerque, NM 87109, US
33. Hamilton Hallmark, 777-L Dearborn Park Lane, Worthington, OH 43085, US
34. Hamilton Hallmark, 1 Keystone Avenue, Bldg 36, Cherry Hill, NJ 08003, US
35. Hamilton Hallmark, 11420 Pagemill Drive, Dallas, TX 75243, US
36. Hamilton Hallmark, 3783 Rider Trail, S., Earth City, MO 63045, US
37. Hamilton Hallmark, 10 Lanidex Plaza West, Parsippany, NJ 07054-2715, US
38. Hamilton Hallmark, 12606 E. 51st Street, Tulsa, OK 74147, US
39. Hamilton Hallmark, 12211 Technology Boulevard, Austin, TX 78759, US
40. Hamilton Hallmark, 10-D Centennial Drive, Peabody, MA 01960, US
41. Hamilton Hallmark, 11-A Founders Boulevard, El Paso, TX 79906, US
42. Hamilton Hallmark, 1406 N. 28th Street, Suite 105, Harlingen, TX 78550, US

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**Manufacturer and Supplier Location Information**

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43. Hamilton Hallmark, 7079 University Boulevard, Winter Park, FL 32792, US
44. Hamilton Hallmark, 8000 Westglen, Houston, TX 77063, US
45. Hamilton Hallmark, 10491 72nd Street, N., Largo, FL 34647, US
46. Hamilton Hallmark, 1100 E. 6600 S., Suite 120, Salt Lake City, UT 84121, US
47. Hamilton Hallmark, 8214 154th Avenue, N.E., Redmond, WA 98052-3556, US
48. Hamilton Hallmark, 2440 S. 179th Street, New Berlin, WI 53146, US
49. Hamilton Hallmark, 9750 S.W. Nimbus Avenue, Beaverton, OR 97005-7132, US
50. Hamilton Hallmark, 12503 E. Euclid Drive, Suite 20, Englewood, CO 80111, US
51. Hamilton Hallmark, 4637 South 36th Place, Phoenix, AZ 85040, US
52. Hamilton Hallmark, 1626 S Edward Drive, Tempe, AZ 85281, US
53. Hamilton Hallmark, 7400 N. Oracle Street, Tucson, AZ 85704, US
54. Hamilton Hallmark, 3170 Pullman Street, Costa Mesa, CA 92626, US
55. Hamilton Hallmark, P. O. Box 2647, Culver City, CA 90230, US
56. Hamilton Hallmark, 580 Menlo Drive, Suite 2, Rocklin, CA 95677, US
57. Hamilton Hallmark, 4545 Viewridge Avenue, San Diego, CA 92123, US
58. Hamilton Hallmark, 2105 Lundy Avenue, San Jose, CA 95131, US
59. Hamilton Hallmark, 44191 Plymouth Oaks Blvd., Plymouth, MI 48170, US
60. Hamilton Hallmark, 710 Wooten Road, Suite 28, Colorado Springs, CO 80915, US
61. Hamilton Hallmark, 9401 James Avenue S., Suite 140, Bloomington, MN 55431, US
62. Hamilton Hallmark, 125 Commerce Court, Unit 6, Cheshire, CT 06410, US
63. Hamilton Hallmark, 3350 N.W. 53rd Street, Suites 105-107, Ft. Lauderdale, FL 33309, US
64. Hamilton Hallmark, 4890 University Drive, Suite 1, Huntsville, AL 35805-6229, US
65. Hamilton Hallmark, 3425 Corporate Way, Suites A & G, Duluth, GA 30136, US
66. Hamilton Hallmark, 1130 Thorndale Avenue, Bensenville, IL 60106, US
67. Hamilton Hallmark, 655 W. Carmel Drive, Suite 160, Carmel, IL 46032, US
68. Hamilton Hallmark, 10809 Lakeview Drive, Lenexa, KS 66215, US
69. Hamilton Hallmark, 1847-G Mercer Road, Lexington, KY 40511, US
70. Hamilton Hallmark, 7134 Columbia Gateway Circle, Columbia, MD 21046-2101, US
71. Hamilton Hallmark, 21150 Califa Street, Woodland Hills, CA 91367, US
72. Jaco Electronics, 2120-A Braker Lane, Austin, TX 78758, US
73. Jaco Electronics, 2282 Townsgate Road, Suite 100, Westlake, CA 91361, US
74. Jaco Electronics, 1610-A Berryessa Road, San Jose, CA 95134, US
75. Jaco Electronics, 1541-A Parkway Loop, Tustin, CA 92680, US
76. Jaco Electronics, 145 Oser Avenue, Hauppauge, NY 11787, US
77. Jaco Electronics, P.O. Box 471, Erie, CO 80516, US
78. Jaco Electronics, 1209 N. Glenville, Richardson, TX 75081, US
79. Jaco Electronics, 4900 S.W. Griffith Drive, Suite 129, Beaverton, OR 97005, US
80. Jaco Electronics, 4805 Green's Dairy Road, Suite 120, Raleigh, NC 27604-4612, US
81. Jaco Electronics, 10340 Viking Drive, Suite 115, Eden Prairie, MN 55344, US
82. Jaco Electronics, 10270-F Old Columbia Road, Columbia, MD 21046, US
83. Jaco Electronics, 1053 East Street, Tewksbury, MA 01876, US
84. Jaco Electronics, 593 Learning Court, Lawrenceville, GA 30244, US
85. Jaco Electronics, 9900 West Sample Road, Suite 404, Coral Springs, FL 33065, US
86. Kent Electronics, Inc., 11500 Metric Boulevard, Suite 410, Austin, TX 78758-4031, US
87. Kent Electronics, Inc., 9104 Guilford Road, Suite 1010, Columbia, MD 21046, US
88. Kent Electronics, Inc., 9770 S.W. Nimbus Avenue, Beaverton, OR 97005, US
89. Kent Electronics, Inc., 31200 Solon Road, Suite, 12, Solon, OH 44139, US
90. Kent Electronics, Inc., 117 West Liberty Street, Rome, NY 13440, US
91. Kent Electronics, Inc., 2191 George Urban Road, Depew, NY 14043, US
92. Kent Electronics, Inc., P.O. Box 677, Pine Brook, NJ 07058, US
93. Kent Electronics, Inc., 1135 Kildaire Farm Road, Suite 329-6, Cary, NC 27511, US
94. Kent Electronics, Inc., 953 Westgate Drive, St. Paul, MN 55114, US
95. Kent Electronics, Inc., 1360 Presidential Drive, Suite 170, Richardson, TX 75081-2437, US
96. Kent Electronics, Inc., 6195 Cornerstone Court E., Suite 114, San Diego, CA 92121, US
97. Kent Electronics, Inc., 19 Alpha Road, Chelmsford, MA 01824, US
98. Kent Electronics, Inc., 8469 154th Street, Redmond, WA 98052-2518, US
99. Kent Electronics, Inc., 15455 N. Greenway-Hayden Loop, Scottsdale, AZ 85260, US
100. Kent Electronics, Inc., 1830 McCandless Drive, Milpitas, CA 95035, US
101. Kent Electronics, Inc., 4900-D Corporate Drive, Huntsville, AL 35805, US
102. Kent Electronics, Inc., 361-H Iverness Drive, S., Englewood, CO 80112, US
103. Kent Electronics, Inc., 29-A Village Lane, Wallingford, CT 06492, US
104. Kent Electronics, Inc., 6355 Metrowest Blvd., Suite 240, Orlando, FL 32835, US
105. Kent Electronics, Inc., 5340 N. Park Place, N.E. Suite 110, Cedar Rapids, IA 52402, US
106. Kent Electronics, Inc., 721 Landmeier Road, Elk Grove Village, IL 60007-4757, US
107. Kent Electronics, Inc., 6316 College Boulevard, Overland, KS 66211, US
108. Kent Electronics, Inc., 17815-R Newhope Street, Fountain Valley, CA 92708, US
109. T. T. I., Inc., 6500 Poe Avenue, Suite 400, Dayton, OH 45414, US
110. T. T. I., Inc., 4805 Green's Dairy Road, Suite 120, Raleigh, NC 27604, US
111. T. T. I., Inc., 1 Executive Drive, Suite 9, Morristown, NJ 08057, US
112. T. T. I., Inc., 921 S. Second Street, Ronkonkoma, NY 11779, US
113. T. T. I., Inc., 4700 Rockside Road, Suite 500, Independence, OH 44131, US
114. T. T. I., Inc., 7185 S.W. Sandburg Road, Suite 202, Tigard, OR 97223, US
115. T. T. I., Inc., 7539 Airport Freeway, Fort Worth, TX 76118, US
116. T. T. I., Inc., 4033 E. Belknap, Fort Worth, TX 76111-6696, US

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**Manufacturer and Supplier Location Information**

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- 117. T. T. I., Inc., 12301 Whitewater Drive, Suite 240, Minnetonka, MN 55343, US
- 118. T. T. I., Inc., 9577 N.E. 153rd Avenue, Redmond, WA 98052, US
- 119. T. T. I., Inc., 6220 South Orange Blossom Trail, Suite 516, Orlando, FL 92809, US
- 120. T. T. I., Inc., 10849 Kinghurst Drive, Suite 135, Houston, TX 77099-3450, US
- 121. T. T. I., Inc., 6420-B Dobbin Road, Columbia, MD 21045, US
- 122. T. T. I., Inc., 2 Highwood Drive, Tewksbury, MA 01876-1194, US
- 123. T. T. I., Inc., 9300 110 Street, Suite 645, Overland Park, KS 66210, US
- 124. T. T. I., Inc., 6410 Altantic Boulevard, Suite 150, Norcross, GA 30071, US
- 125. T. T. I., Inc., 8 Fairfield Boulevard, Wallingford, CT 06492, US
- 126. T. T. I., Inc., 6510 W. 91st Avenue, Suite 104, Westminster, CO 80030, US
- 127. T. T. I., Inc., 1570 Brookhollow, Suite 103, Santa Ana, CA 92705, US
- 128. T. T. I., Inc., 13220 Evening Creek Drive, S., Suite 101, San Diego, CA 92128, US
- 129. T. T. I., Inc., 15535 San Fernando Mission Blvd., Suite 319, Mission Hills, CA 91345, US
- 130. T. T. I., Inc., 1535 McCandless Dr., Bldg 11, Milipitas, CA 95035, US
- 131. T. T. I., Inc., 4625 S. Wendler Drive, Suite 108, Tempe, AZ 85282, US
- 132. T. T. I., Inc., 1301 Basswood, Suite 350, Schaumburg, IL 60173, US
- 133. Tri-Start Electronics, Inc., 277 Fairfield Road, Suite 122, Fairfield, NJ 07004, US
- 134. Tri-Start Electronics, Inc., 134 Remington Boulevard, Ronkonkoma, NY 11779, US
- 135. Tri-Start Electronics, Inc., 18 Broad Street, Suite 811, Charleston, SC 29401, US

**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