



QUALIFICATIONS VALIDATED  
SEMIANNUALLY

QPL-39007-88  
19-Aug-02  
SUPERSEDING  
QPL-39007-87  
17-Dec-01

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION  
MIL-PRF-39007  
RESISTORS, FIXED, WIRE-WOUND (POWER TYPE),  
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-39007. 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 THE 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 43216-5000.

NOTE: 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 for printing.

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 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.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>RWR71*</b> Terms. N, Z; res. values 0.1 ohms thru 8060 ohms; tols. D, F; life failure rates M, P, R, S	PR462 PR462N PR462Z	39007-434-70	/5	IRC Shallcross, Inc.
<b>RWR71*</b> Terms. N, Z; res. values 0.499 ohms thru 8060 ohms; tols. B; life failure rates M, P, R, S	PR462 PR462N PR462Z	39007-434-70	/5	IRC Shallcross, Inc.
<b>RWR71*</b> Terms. S, W; res. values 0.1 ohms thru 16200 ohms; tols. D, F; life failure rates M, P, R, S	PR462 PR462N PR462Z	39007-434-70	/5	IRC Shallcross, Inc.
<b>RWR71*</b> Terms. S, W; res. values 0.499 ohms thru 16200 ohms; tols. B; life failure rates M, P, R, S	PR462 PR462N PR462Z	39007-434-70	/5	IRC Shallcross, Inc.
<b>RWR71*</b> Terms. N, Z; res. values 0.1 ohms thru 6040 ohms; tols. D, F; life failure rates M, P, R, S	ESN-2A ESN-2A-10 ESN-2A-125 ESS-2A-125 ESW-2A ESW-2A-125	39007-622-77	/5	Vishay Dale, Inc.

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<b>RWR71*</b> Terms. S, W; res. values 0.499 ohms thru 12100 ohms; tols. B; life failure rates M, P, R, S	ESN-2A ESN-2A-125 ESS-2A-125 ESW-2A ESW-2A-125 ISN-2A-10	39007-622-77	/5	Vishay Dale, Inc.
<b>RWR71*</b> Terms. S, W; res. values 0.1 ohms thru 12100 ohms; tols. D, F; life failure rates M, P, R, S	ESN-2A ESN-2A-10 ESN-2A-125 ESS-2A-125 ESW-2A ESW-2A-125	39007-622-77	/5	Vishay Dale, Inc.
<b>RWR74*</b> Terms. S, W; res. values 0.1 ohms thru 12100 ohms; tols. F; life failure rates M, P, R	ESS-5	39007-037-01	/6	Electronica Dale De Mexico S.A. De C.V.
<b>RWR74*</b> Terms. N, Z; res. values 0.1 ohms thru 6040 ohms; tols. D, F; life failure rates M, P, R, S	PR446 PR446N PR446Z	39007-578-75	/6	IRC Shallcross, Inc.
<b>RWR74*</b> Terms. S, W; res. values 0.499 ohms thru 12100 ohms; tols. B; life failure rates M, P, R, S	PR446 PR446N PR446Z	39007-578-70	/6	IRC Shallcross, Inc.
<b>RWR74*</b> Terms. S, W; res. values 0.1 ohms thru 12100 ohms; tols. D, F; life failure rates M, P, R, S	PR446 PR446N PR446Z	39007-578-75	/6	IRC Shallcross, Inc.
<b>RWR74*</b> Terms. N, Z; res. values 0.499 ohms thru 8060 ohms; tols. B; life failure rates M, P, R, S	PR462 PR462N PR462Z	39007-578-75	/6	IRC Shallcross, Inc.
<b>RWR74*</b> Terms. N, Z; res. values 0.1 ohms thru 6040 ohms; tols. D, F; life failure rates M, P, R, S	ESN-5 ESN-5-10 ESN-5-125 ESS-5-125 ESW-5 ESW-5-125	39007-52-70	/6	Vishay Dale, Inc.
<b>RWR74*</b> Terms. N, Z; res. values 0.499 ohms thru 6040 ohms; tols. B; life failure rates M, P, R, S	ESN-5 ESN-5-10 ESN-5-125 ESS-5-125 ESW-5 ESW-5-125	39007-52-70	/6	Vishay Dale, Inc.

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<b>RWR74*</b> Terms. S, W; res. values 0.1 ohms thru 12100 ohms; tols. D, F; life failure rates M, P, R, S	ESN-5 ESN-5-10 ESN-5-125 ESS-5-125 ESW-5 ESW-5-125	39007-52-70	/6	Vishay Dale, Inc.
<b>RWR74*</b> Terms. S, W; res. values 0.499 ohms thru 12100 ohms; tols. B; life failure rates M, P, R, S	ESN-5 ESN-5-10 ESN-5-125 ESS-5-125 ESW-5 ESW-5-125	39007-52-70	/6	Vishay Dale, Inc.
<b>RWR78*</b> Terms. S, W; res. values 0.1 ohms thru 37400 ohms; tols. F; life failure rates M, P, R	ESS-10	39007-038-01	/7	Electronica Dale De Mexico S.A. De C.V.
<b>RWR78*</b> Terms. N, Z; res. values 0.499 ohms thru 19600 ohms; tols. B; life failure rates M, P, R, S	PR433 PR433N PR433Z	39007-436-70 39007-315-86 39007-316-86	/7	IRC Shallcross, Inc.
<b>RWR78*</b> Terms. N, Z; res. values 0.1 ohms thru 19600 ohms; tols. D, F; life failure rates M, P, R, S	PR433 PR433N PR433Z	39007-436-70 39007-315-86 39007-316-86	/7	IRC Shallcross, Inc.
<b>RWR78*</b> Terms. S, W; res. values 0.499 ohms thru 39200 ohms; tols. B; life failure rates M, P, R, S	PR433 PR433N PR433Z	39007-436-70 39007-315-86 39007-316-86	/7	IRC Shallcross, Inc.
<b>RWR78*</b> Terms. S, W; res. values 0.1 ohms thru 39200 ohms; tols. D, F; life failure rates M, P, R, S	PR433 PR433N PR433Z	39007-436*70 39007-315-86 39007-316-86	/7	IRC Shallcross, Inc.
<b>RWR78*</b> Terms. N, Z; res. values 0.499 ohms thru 19600 ohms; tols. B; life failure rates M, P, R, S	ESN-10 ESN-10-10 ESN-10-125 ESS-10 ESS-10-125 ESW-10 ESW-10-125	39007-947-68	/7	Vishay Dale, Inc.
<b>RWR78*</b> Terms. N, Z; res. values 0.1 ohms thru 19600 ohms; tols. D, F; life failure rates M, P, R, S	ESN-10 ESN-10-10 ESN-10-125 ESS-10 ESS-10-125 ESW-10 ESW-10-125	39007-947-68	/7	Vishay Dale, Inc.
<b>RWR78*</b> Terms. N, Z; res. values 0.499 ohms thru 19600 ohms; tols. B; life failure rates M, P, R, S	ESN-10 ESN-10-10 ESN-10-125 ESS-10 ESS-10-125 ESW-10 ESW-10-125	39007-947-68	/7	Vishay Dale, Inc.

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<b>RWR78*</b> Terms. S, W; res. values 0.499 ohms thru 39200 ohms; tols. B; life failure rates M, P, R, S	ESN-10 ESN-10-10 ESN-10-125 ESS-10 ESS-10-125 ESW-10 ESW-10-125	39007-947-68	/7	Vishay Dale, Inc.
<b>RWR80*</b> Terms. N, Z; res. values 0.499 ohms thru 1580 ohms; tols. B; life failure rates M, P, R, S	PM249N	39007-1076-87	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. N, Z; res. values 0.1 ohms thru 1580 ohms; tols. D, F; life failure rates M	PM249N	39007-1076-87	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. S, W; res. values 0.1 ohms thru 3160 ohms; tols. D, F; life failure rates M	PM249N	39007-1076-87	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. S, W; res. values 0.499 ohms thru 3160 ohms; tols. B; life failure rates M	PM249N	39007-1076-87	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. N, Z; res. values 0.1 ohms thru 1580 ohms; tols. D, F; life failure rates M, P, R, S	PR49 PR49N PR49Z	39007-159-75	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. N, Z; res. values 0.499 ohms thru 1580 ohms; tols. B; life failure rates M, P, R, S	PR49 PR49N PR49Z	39007-159-75	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. S, W; res. values 0.1 ohms thru 3160 ohms; tols. D, F; life failure rates M, P, R, S	PR49 PR49N PR49Z	39007-159-75	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. S, W; res. values 0.499 ohms thru 3160 ohms; tols. B; life failure rates M, P, R, S	PR49 PR49N PR49Z	39007-159-75	/8	IRC Shallcross, Inc.
<b>RWR80*</b> Terms. N, Z; res. values 0.499 ohms thru 1580 ohms; tols. B; life failure rates M, P, R, S	EGN-3 EGN-3-10 EGN-3-125 EGN-3-80 EGS-3 EGS-3-125 EGS-3-80 EGW-3 EGW-3-125	39007-282-75	/8	Vishay Dale, Inc.

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<b>RWR80*</b> Terms. S, W; res. values 0.1 ohms thru 3160 ohms; tols. D, F; life failure rates M, P, R, S	EGN-3 EGN-3-10 EGN-3-125 EGN-3-80 EGS-3 EGS-3-125 EGS-3-80 EGW-3 EGW-3-125	39007-282-75	/8	Vishay Dale, Inc.
<b>RWR80*</b> Terms. S, W; res. values 0.499 ohms thru 3160 ohms; tols. B; life failure rates M, P, R, S	EGN-3 EGN-3-10 EGN-3-125 EGN-3-80 EGS-3 EGS-3-125 EGS-3-80 EGW-3 EGW-3-125	39007-282-75	/8	Vishay Dale, Inc.
<b>RWR81*</b> Terms. S, W; res. values 0.1 ohms thru 487 ohms; tols. F; life failure rates M, P, R	EGS-1-80	39007-034-01	/9	Electronica Dale De Mexico S.A. De C.V.
<b>RWR81*</b> Terms. N, Z; res. values 0.499 ohms thru 499 ohms; tols. B; life failure rates M, P, R, S	PM268N	39007-1371-85	/9	IRC Shallcross, Inc.
<b>RWR81*</b> Terms. N, Z; res. values 0.1 ohms thru 499 ohms; tols. D, F; life failure rates M, P, R, S	PM268N	39007-1371-85	/9	IRC Shallcross, Inc.
<b>RWR81*</b> Terms. S, W; res. values 0.1 ohms thru 499 ohms; tols. D, F; life failure rates M, P, R, S	PM268N	39007-1371-85	/9	IRC Shallcross, Inc.
<b>RWR81*</b> Terms. S, W; res. values 0.499 ohms thru 1000 ohms; tols. B; life failure rates M, P, R, S	PM268N	39007-1371-85	/9	IRC Shallcross, Inc.
<b>RWR81*</b> Terms. N, Z; res. values 0.499 ohms thru 499 ohms; tols. B; life failure rates M, P, R, S	PR268 PR68 PR68N PR68Z	39007-438-70	/9	IRC Shallcross, Inc.
<b>RWR81*</b> Terms. N, Z; res. values 0.1 ohms thru 499 ohms; tols. D, F; life failure rates M, P, R, S	PR268 PR68 PR68N PR68Z	39007-438-70	/9	IRC Shallcross, Inc.

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<b>RWR81*</b> Terms. S, W; res. values 0.499 ohms thru 1000 ohms; tols. B; life failure rates M, P, R, S	PR268 PR68 PR68N PR68Z	39007-438-70	/9	IRC Shallcross, Inc.
<b>RWR81*</b> Terms. N, Z; res. values 0.499 ohms thru 499 ohms; tols. B; life failure rates M, P, R, S	EGN-1 EGN-1-10 EGN-1-125 EGN-1-80 EGS-1 EGS-1-125 EGS-1-80 EGW-1 EGW-1-125	39007-949-68	/9	Vishay Dale, Inc.
<b>RWR81*</b> Terms. N, Z; res. values 0.1 ohms thru 499 ohms; tols. D, F; life failure rates M, P, R, S	EGN-1 EGN-1-10 EGN-1-125 EGN-1-80 EGS-1 EGS-1-125 EGS-1-80 EGW-1 EGW-1-125	39007-949-68	/9	Vishay Dale, Inc.
<b>RWR81*</b> Terms. S, W; res. values 0.499 ohms thru 1000 ohms; tols. B; life failure rates M, P, R, S	EGN-1 EGN-1-10 EGN-1-125 EGN-1-80 EGS-1 EGS-1-125 EGS-1-80 EGW-1 EGW-1-125	39007-949-68	/9	Vishay Dale, Inc.
<b>RWR81*</b> Terms. S, W; res. values 0.1 ohms thru 1000 ohms; tols. D, F; life failure rates M, P, R, S	EGN-1 EGN-1-10 EGN-1-125 EGN-1-80 EGS-1 EGS-1-125 EGS-1-80 EGW-1 EGW-1-125	39007-949-68	/9	Vishay Dale, Inc.
<b>RWR82*</b> Terms. N, Z; res. values 0.499 ohms thru 649 ohms; tols. B; life failure rates M, P, R, S	PR66	39007-975-71 39007-241-94	/12	IRC Shallcross, Inc.
<b>RWR82*</b> Terms. N, Z; res. values 0.1 ohms thru 649 ohms; tols. D, F; life failure rates M, P, R, S	PR66	39007-975-71 39007-241-94	/12	IRC Shallcross, Inc.
<b>RWR82*</b> Terms. S, W; res. values 0.1 ohms thru 1300 ohms; tols. D, F; life failure rates M, P, R, S	PR66	39007-975-71 39007-241-94	/12	IRC Shallcross, Inc.

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<b>RWR82*</b> Terms. S, W; res. values 0.499 ohms thru 1300 ohms; tols. B; life failure rates M, P, R, S	PR66	39007-975-71 39007-241-94	/12	IRC Shallcross, Inc.
<b>RWR82*</b> Terms. N, Z; res. values 0.1 ohms thru 649 ohms; tols. D, F; life failure rates M, P, R, S	EGN-2 EGN-2-10 EGN-2-125 EGS-2 EGS-2-125 EGW-2 EGW-2-125	39007-175-89	/12	Vishay Dale, Inc.
<b>RWR82*</b> Terms. N, Z; res. values 0.499 ohms thru 649 ohms; tols. B; life failure rates M, P, R, S	EGN-2 EGN-2-10 EGN-2-125 EGS-2 EGS-2-125 EGW-2 EGW-2-125	39007-175-89	/12	Vishay Dale, Inc.
<b>RWR82*</b> Terms. S, W; res. values 0.499 ohms thru 1300 ohms; tols. B; life failure rates M, P, R, S	EGN-2 EGN-2-10 EGN-2-125 EGS-2 EGS-2-125 EGW-2 EGW-2-125	39007-175-89	/12	Vishay Dale, Inc.
<b>RWR82*</b> Terms. S, W; res. values 0.1 ohms thru 1300 ohms; tols. D, F; life failure rates M, P, R, S	EGN-2 EGN-2-10 EGN-2-125 EGS-2 EGS-2-125 EGW-2 EGW-2-125	39007-175-89	/12	Vishay Dale, Inc.
<b>RWR84*</b> Terms. S, W; res. values 0.1 ohms thru 12400 ohms; tols. F; life failure rates M, P, R	EGS-10-80	39007-35-01	/10	Electronica Dale De Mexico S.A. De C.V.
<b>RWR84*</b> Terms. N, Z; res. values 0.1 ohms thru 6190 ohms; tols. D, F; life failure rates M, P, R, S	PR246 PR246N PR246Z	39007-440-70	/10	IRC Shallcross, Inc.
<b>RWR84*</b> Terms. N, Z; res. values 0.499 ohms thru 6190 ohms; tols. B; life failure rates M, P, R, S	PR246 PR246N PR246Z	39007-440-70	/10	IRC Shallcross, Inc.
<b>RWR84*</b> Terms. S, W; res. values 0.1 ohms thru 12400 ohms; tols. D, F; life failure rates M, P, R, S	PR246 PR246N PR246Z	39007-440-70	/10	IRC Shallcross, Inc.
<b>RWR84*</b> Terms. S, W; res. values 0.499 ohms thru 12400 ohms; tols. B; life failure rates M, P, R, S	PR246 PR246N PR246Z	39007-440-70	/10	IRC Shallcross, Inc.

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<b>RWR84*</b> Terms. N, Z; res. values 0.499 ohms thru 6190 ohms; tols. B; life failure rates M, P, R, S	EGN-10 EGN-10-10 EGN-10-125 EGN-10-80 EGS-10 EGS-10-125 EGS-10-80 EGW-10 EGW-10-125	39007-1017-68	/10	Vishay Dale, Inc.
<b>RWR84*</b> Terms. S, W; res. values 0.1 ohms thru 12400 ohms; tols. D, F; life failure rates M, P, R, S	EGN-10 EGN-10-10 EGN-10-125 EGN-10-80 EGS-10 EGS-10-125 EGS-10-80 EGW-10 EGW-10-125	39007-1017-68	/10	Vishay Dale, Inc.
<b>RWR84*</b> Terms. S, W; res. values 0.499 ohms thru 12400 ohms; tols. B; life failure rates M, P, R, S	EGN-10 EGN-10-10 EGN-10-125 EGN-10-80 EGS-10 EGS-10-125 EGS-10-80 EGW-10 EGW-10-125	39007-1017-68	/10	Vishay Dale, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.1 ohms thru 3320 ohms; tols. F; life failure rates M, P, R	ESS-2B	39007-036-01	/11	Electronica Dale De Mexico S.A. De C.V.
<b>RWR89*</b> Terms. N, Z; res. values 0.1 ohms thru 2050 ohms; tols. D, F; life failure rates M, P, R, S	PM261N	39007-1372-85	/11	IRC Shallcross, Inc.
<b>RWR89*</b> Terms. N, Z; res. values 0.499 ohms thru 2050 ohms; tols. B; life failure rates M, P, R, S	PM261N	39007-1372-85	/11	IRC Shallcross, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.1 ohms thru 2050 ohms; tols. D, F; life failure rates M, P, R, S	PM261N	39007-1372-85	/11	IRC Shallcross, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.499 ohms thru 2050 ohms; tols. B; life failure rates M, P, R, S	PM261N	39007-1372-85	/11	IRC Shallcross, Inc.



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<b>RWR89*</b> Terms. N, Z; res. values 0.499 ohms thru 2050 ohms; tols. B; life failure rates M, P, R, S	PR261 PR261N PR261Z PR61 PR61N	39007-441-70	/11	IRC Shallcross, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.499 ohms thru 4120 ohms; tols. B; life failure rates M, P, R, S	PR261 PR261N PR261Z PR61 PR61N	39007-441-70	/11	IRC Shallcross, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.1 ohms thru 4120 ohms; tols. D, F; life failure rates M, P, R, S	PR261 PR261N PR261Z PR61 PR61N	39007-441-70	/11	IRC Shallcross, Inc.
<b>RWR89*</b> Terms. N, Z; res. values 0.499 ohms thru 2050 ohms; tols. B; life failure rates M, P, R, S	ESN-2B ESN-2B-10 ESN-2B-125 ESS-2B ESS-2B-125 ESW-2B ESW-2B-125	39007-950-68	/11	Vishay Dale, Inc.
<b>RWR89*</b> Terms. N, Z; res. values 0.1 ohms thru 2050 ohms; tols. D, F; life failure rates M, P, R, S	ESN-2B ESN-2B-10 ESN-2B-125 ESS-2B ESS-2B-125 ESW-2B ESW-2B-125	39007-950-68	/11	Vishay Dale, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.1 ohms thru 4120 ohms; tols. D, F; life failure rates M, P, R, S	ESN-2B ESN-2B-10 ESN-2B-125 ESS-2B ESS-2B-125 ESW-2B ESW-2B-125	39007-950-68	/11	Vishay Dale, Inc.
<b>RWR89*</b> Terms. S, W; res. values 0.499 ohms thru 4120 ohms; tols. B; life failure rates M, P, R, S	ESN-2B ESN-2B-10 ESN-2B-125 ESS-2B ESS-2B-125 ESW-2B ESW-2B-125	39007-950-68	/11	Vishay Dale, Inc.

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## Manufacturer and Supplier Location Information

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### **Manufacturer: IRC Shallcross, Inc. (CAGE Code: 54294)**

Location: U.S. 70 East, Smithfield, NC 27577, US

Plant Location: Same Address as Manufacturer

#### Category A

Distributor Locations:

1. Future Electronics, 41 Main Street, Bolton, MA 01740, US
2. Lauralekx, Inc., 1202 Tech Boulevard, Suite 108, Tampa, FL 33619, US
3. Neumann Electronics, 8665 Miralani Drive, San Diego, CA 92126, US
4. Newark Electronics, 217 Wilcox Avenue, Gaffney, SC 29340, US
5. Newark Electronics, 4801 N. Ravenswood, Chicago, IL 60640, US

#### Category A

NON-STOCKING:NORMALLY DOES NOT STOCK PARTS IN QUANTITY

Distributor Locations:

1. Arrow Zeus, 3254 Fraser Street, Aurora, CO 80011, US
2. Jaco Electronics, Inc., 2282 Townsgate Road, Westlake, CA 91361, US
3. Jaco Electronics, Inc., 145 Oser Avenue, Hauppauge, NY 11787, US
4. New Yorker Electronics Co., Inc., 420 Center Avenue, Mamaroneck, NY 10543, US
5. Spirit Electronics, 7819 East Greenway, Suite 9, Scottsdale, AZ 85269, US

#### Category B

Distributor Location:

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

#### Category B

NON-STOCKING:NORMALLY DOES NOT STOCK PARTS IN QUANTITY

Distributor Location:

1. Justin Electronics, 3300 Highway 421, N., Wilmington, NC 28402, US

### **Manufacturer: Vishay Dale, 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. Electronica Dale De Mexico S.A. De C.V., Avenue Insurgentes No. 606, Juarez, Chihuahua, Mexico

#### Category A

Distributor Locations:

1. Avnet EMG, 11333 Pagemill Road, Dallas, TX 75243-8399, US
2. Bell Industries, EDD Dayton Division, 446 Windsor Park Drive, Dayton, OH 45459, US
3. Capstone Electronics, Inc., 3254 Fraser Street, Aurora, CO 80011, US
4. Jaco Electronics, Inc., 145 Oser Avenue, Hauppauge, NY 11788, US
5. Kent Electronics, Inc., 7433 Harwin Drive, Houston, TX 77036-2015, US
6. New Yorker Electronics Co., Inc., 420 Center Avenue, Mamaroneck, NY 10543, US
7. Tri-Start Electronics, Inc., 134 Remington Boulevard, Ronkonkoma, NY 11779, US

#### Category A

NON-STOCKING:NORMALLY DOES NOT STOCK PARTS IN QUANTITY

Distributor Locations:

1. T.T.I., Inc., 1570 Brookhollow, Suite 103, Santa Ana, CA 92705, US
2. T.T.I., Inc., 4700 Rockside Road, Independence, OH 44131, US
3. T.T.I., Inc., 15535 San Fernando Mission Blvd, Suite 319, Mission Hills, CA 91345, US

#### Category A - MIL-R-55342 only

Distributor Location:

1. Ohmtek, 2160 Liberty Drive, Niagara Falls, NY 14304, US

#### Category B - Hot Solder Dip Only 39007, 39009, 39017, 55182

Distributor Location:

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

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**Manufacturer and Supplier Location Information**

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Category B - Mil-R-55182 only

Distributor Location:

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