



QUALIFICATIONS VALIDATED
EVERY TWO YEARS

QPL-39007-93
22-Nov-04
SUPERSEDING
QPL-39007-92
30-Jun-03

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 43218-3990.

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 | SPECIFI- CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|--|---|---------------------------------------|-----------------------------|---|
| RWR71* 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. |
| RWR71* Terms. N, Z; res. values 0.499 ohms thru 6040 ohms; tols. B; 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. |
| RWR71* 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. |
| RWR71* Terms. S, W; res. values 0.499 ohms thru 12100 ohms; tols. B; 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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| RWR74* 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 |
| RWR74* 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 39007-92-02 | /6 | IRC Shallcross (Boone, NC) |
| RWR74* 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 39007-92-02 | /6 | IRC Shallcross (Boone, NC) |
| RWR74* 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 39007-92-02 | /6 | IRC Shallcross (Boone, NC) |
| RWR74* Terms. N, Z; res. values 0.499 ohms thru 6040 ohms; tols. B; life failure rates M, P, R, S | PR462 PR462N PR462Z | 39007-578-75 39007-92-02 | /6 | IRC Shallcross (Boone, NC) |
| RWR74* 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. |
| RWR74* 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. |
| RWR74* 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. |
| RWR74* 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. |
| RWR78* 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 |
| RWR78* 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. |

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| RWR78* 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. |
| RWR78* 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. |
| RWR78* Terms. S, W; res. values 0.1 ohms thru 39200 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. |
| RWR80* Terms. S, W; res. values 8.06 ohms thru 1400 ohms; tols. F; life failure rates M, P, R | EGS-3-80 | 39007-033-01 | /8 | Electronica Dale de Mexico |
| RWR80* 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. |
| RWR80* Terms. N, Z; res. values 0.1 ohms thru 1580 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. |
| RWR80* 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. |

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| RWR80* 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. |
| RWR81* 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 |
| RWR81* 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. |
| RWR81* 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. |
| RWR81* 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. |
| RWR81* 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. |

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| RWR82* 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. |
| RWR82* 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. |
| RWR82* 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-2-125 EWG-2 | 39007-175-89 | /12 | Vishay Dale, Inc. |
| RWR82* 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. |
| RWR84* 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 |
| RWR84* Terms. N, Z; res. values 0.1 ohms thru 6190 ohms; tols. D, F; life failure rates M, P, R, S | EGN=10-125 EGN-10 EGN-10-10 EGN-10-80 EGS-10 EGS-10-125 EGS-10-80 EGW-10 EGW-10-125 | 39007-1017-68 | /10 | Vishay Dale, Inc. |
| RWR84* 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. |

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| RWR84* | | | | |
| 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. |
| RWR84* | | | | |
| 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. |
| RWR89* | | | | |
| 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 |
| RWR89* | | | | |
| Terms. N, Z; res. values 0.499 ohms thru 2050 ohms; tols. B; life failure rates M, P, R, S | PM261N | 39007-1372-85 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| 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 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| Terms. S, W; res. values 0.499 ohms thru 2050 ohms; tols. B; life failure rates M, P, R, S | PM261N | 39007-1372-85 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| 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 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| Terms. N, Z; res. values 0.1 ohms thru 2050 ohms; tols. D, F; life failure rates M, P, R, S | PR261 PR261N PR261Z PR61 PR61N | 39007-441-70 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| 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 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| 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 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |
| RWR89* | | | | |
| 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 39007-98-02 | /11 | IRC Shallcross (Boone, NC) |

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| RWR89* 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. |
| RWR89* 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. |
| RWR89* 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. |
| RWR89* 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. |

Manufacturer and Supplier Location Information

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

Location: P.O. Box 1860, 736 Greenway Road, Boone, NC 28607, US

Plant Location: Same Address as Manufacturer

Category A

Distributor Locations:

1. Future Electronics, 41 Main Street, Bolton, MA 01740, US
2. Lauralex, 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 68601, US

Plant Locations:

1. Same Address as Manufacturer
2. Electronica Dale de Mexico, S.A. de CV, Avenue de las Torres #1950, Colonia Torres del Sur, Cd. Juarez, Chihuahua, Mexico C.P. 32170

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

Manufacturer and Supplier Location Information

Category B - Mil-R-55182 only

Distributor Location:

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