



QUALIFICATION VALIDATED
SEMIANNUALLY

QPL-39007-86
28 November 2001
SUPERSEDING
QPL-39007-85
11 October 2001

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 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	DETAIL SPECIFICATION	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
RWR71*	PR462 PR462N PR462Z	39007-434-70	/5	IRC Shallcross, Inc.
Terms. S and W, 0.1 ohm thru 16,200 ohms, terms. N and Z, 0.1 ohm thru 8,060 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE</u> : Terms. S and W, res. tol. B, 0.499 ohm thru 16,200 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 8,060 ohms.				
RWR71*	ESN-2A ESS-2A ESW-2A ESN-2A-10 ESN-2A-125 ESS-2A-125 ESW-2A-125	39007-622-77	/5	Vishay Dale, Inc. (1)
Terms. S and W, 0.1 ohm thru 12,100 ohms, terms. N and Z, 0.1 ohm thru 6,040 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE</u> : Terms. S and W, res. tol. B, 0.499 ohm thru 12,100 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 6,040 ohms.				
RWR74*	PR446 PR446N PR446Z	39007-578-75	/6	IRC Shallcross, Inc.
Terms. S and W, 0.1 ohm thru 12,100 ohms, terms. N and Z, 0.1 ohm thru 6,040 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE</u> : Terms. S and W, res. tol. B, 0.499 ohm thru 12,100 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 6,040 ohms.				

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RWR74 Terms. S and W, 0.1 ohm thru 12,100 ohms, terms. N and Z, 0.1 ohm thru 6,040 ohms, res. tols. D and F, life failure rates M, P and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 12,100 ohms.	TS5	39007-332-87	/6	Tepro of Florida, Inc.
RWR74* Terms. S and W, 0.1 ohm thru 12,100 ohms, terms. N and Z, 0.1 ohm thru 6,040 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 12,100 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 6,040 ohms.	ESN-5 ESS-5 ESW-5 ESN-5-10 ESN-5-125 ESS-5-125 ESW-5-125	39007-52-70	/6	Vishay Dale, Inc. (1)
RWR74* Terms. S and W, 0.1 ohm thru 12,100 ohms, res. tol. F, life failure rates M, P, and R.	ESS-5	39007-037-01	/6	Vishay Dale, Inc. (2)
RWR78* Terms. S and W, 0.1 ohm thru 39,200 ohms, terms. N and Z, 0.1 ohm thru 19,600 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 39,200 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 19,600 ohms.	PR433 PR433N PR433Z	39007-436-70 39007-315-86 39007-316-86	/7	IRC Shallcross, Inc.
RWR78 Terms. S and W, 0.1 ohm thru 39,200 ohms, terms. N and Z, 0.1 ohm thru 19,600 ohms, res. tols. D and F, life failure rates M, P, and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 39,200 ohms.	TS10W	39007-332-87	/7	Tepro of Florida, Inc.
RWR78* Terms. S and W, 0.1 ohm thru 39,200 ohms, terms. N and Z, 0.1 ohm thru 19,600 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 39,200 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 19,600 ohms.	ESS-10 ESW-10 ESN-10 ESN-10-10 ESS-10-125 ESW-10-125 ESN-10-125	39007-947-68	/7	Vishay Dale, Inc. (1)
RWR80* Terms. S and W, 0.1 ohm thru 3,160 ohms, terms. N and Z, 0.1 ohm thru 1,580 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 3,160 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 1,580 ohms.	PR49 PR49N PR49Z	39007-159-75	/8	IRC Shallcross, Inc.
RWR80* Terms. S and W, 0.1 ohm thru 3,160 ohms, terms. N and Z, 0.1 ohm thru 1,580 ohms, res. tols. D and F, life failure rate M. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 3,160 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 1,580 ohms.	PM249N	39007-1076-87	/8	IRC Shallcross, Inc.
RWR80 Terms. S and W, 0.1 ohm thru 3,160 ohms, terms. N and Z, 0.1 ohm thru 1,580 ohms, res. tols. D and F, life failure rates M, P, and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 3,160 ohms.	TG3	39007-333-87	/8	Tepro of Florida, Inc.

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RWR81* Terms. S and W, 0.1 ohm thru 1,000 ohms, terms. N and Z, 0.1 ohm thru 499 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 1,000 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 499 ohms.	PR68 PR68N PR68Z PR268	39007-438-70	/9	IRC Shallcross, Inc.
RWR81* Terms. S and W, 0.1 ohm thru 499 ohms, terms. N and Z, 0.1 ohm thru 499 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 1,000 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 499 ohms.	PM268N	39007-1371-85	/9	IRC Shallcross, Inc.
RWR81 Terms. S and W, 0.1 ohm thru 1,000 ohms, terms. N and Z, 0.1 ohm thru 499 ohms, res. tols. D and F, life failure rates M, P, R, and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 1,000 ohms.	TG1	39007-334-87	/9	Tepro of Florida, Inc.
RWR81* Terms. S and W, 0.1 ohm thru 1,000 ohms, terms. N and Z, 0.1 ohm thru 499 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 1,000 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 499 ohms.	EGS-1 EGW-1 EGN-1 EGS-1-80 EGN-1-80 EGN-1-10 EGS-1-125 EGW-1-125 EGN-1-125	39007-949-68	/9	Vishay Dale, Inc. (1)
RWR81* Terms. S and W, 0.1 ohm thru 487 ohms, res. tol. F, life failure rates M, P, and R.	EGS-1-80	39007-034-01	/9	Vishay Dale, Inc. (2)
RWR82* Terms. S and W, res. values 0.1 ohm thru 1,300 ohms, Terms. N and Z, res. values 0.1 ohm thru 649 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 1,300 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 649 ohms.	PR66	39007-975-71 39007-241-94	/12	IRC Shallcross, Inc.
RWR82 Term. S, res. values 0.1 ohm thru 1,300 ohms, terms. N and Z, 0.1 ohm thru 10 ohms, res. tols. D and F, life failure rates M, P, and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 1,300 ohms.	TG2S	39007-331-87	/12	Tepro of Florida, Inc.
RWR82* Terms. S and W, res. values 0.1 ohm thru 1,300 ohms, res. tols. D and F, res. values 0.499 ohm thru 1,300 ohms, res. tol. B, terms N and Z, res. values 0.1 ohm thru 649 ohms, res. tols. D and F, res. values 0.499 ohm thru 649 ohms, res. tol. B, life failure rates M, P, R, and S.	EGS-2 EGW-2 EGN-2 EGN-2-10 EGS-2-125 EGW-2-125 EGN-2-125	39007-175-89	/12	Vishay Dale, Inc. (1)

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RWR84* Terms, S and W, 0.1 ohm thru 12,400 ohms, terms. N and Z, 0.1 ohm thru 6,190 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 12,400 ohms. Terms N and Z, res. tol. B, 0.499 ohm thru 6,190 ohms.	PR246 PR246N PR246Z	39007-440-70	/10	IRC Shallcross, Inc.
RWR84 Terms. S and W, 0.1 ohm thru 12,400 ohms, terms. N and Z, 0.1 ohm thru 6,190 ohms, res. tols. D and F, life failure rates M, P, and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 12,400 ohms.	TS5W	39007-332-87	/10	Tepro of Florida, Inc.
RWR84* Terms. S and W, 0.1 ohm thru 12,400 ohms, terms. N and Z, 0.1 ohm thru 6,190 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 12,400 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 6,190 ohms.	EGS-10 EGW-10 EGN-10 EGS-10-80 EGN-10-80 EGN-10-10 EGS-10-125 EGW-10-125 EGN-10-125	39007-1017-68	/10	Vishay Dale, Inc. (1)
RWR84* Terms. S and W, 0.1 ohm thru 12,400 ohms, res. tol. F, life failure rates M, P, and R.	EGS-10-80	39007-035-01	/10	Vishay Dale, Inc. (2)
RWR89* Terms, S and W, 0.1 ohm thru 4,120 ohms, terms. N and Z, 0.1 ohm thru 2,050 ohms res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 4,120 ohms. Terms N and Z, res. tol. B, 0.499 ohm thru 2,050 ohms.	PR61 PR61N PR261 PR261N PR261Z	39007-441-70	/11	IRC Shallcross, Inc.
RWR89* Terms, S and W, 0.1 ohm thru 4,120 ohms, terms. N and Z, 0.1 ohm thru 2,050 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 4,120 ohms. Terms N and Z, res. tol. B, 0.499 ohm thru 2,050 ohms.	PM261N	39007-1372-85	/11	IRC Shallcross, Inc.
RWR89 Terms. S and W, 0.1 ohm thru 4,120 ohms, terms. N and Z, 0.1 ohm thru 2,050 ohms, res. tols. D and F, life failure rates M, P, and R. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 4,120 ohms.	TS2B	39007-332-87	/11	Tepro of Florida, Inc.
RWR89* Terms. S and W, 0.1 ohm thru 4,120 ohms, terms. N and Z, 0.1 ohm thru 2,050 ohms, res. tols. D and F, life failure rates M, P, R, and S. <u>NOTE:</u> Terms. S and W, res. tol. B, 0.499 ohm thru 4,120 ohms. Terms. N and Z, res. tol. B, 0.499 ohm thru 2,050 ohms.	ESS-2B ESW-2B ESN-2B ESN-2B-10 ESS-2B-125 ESW-2B-125 ESN-2B-125	39007-950-68	/11	Vishay Dale, Inc. (1)
RWR89* Terms. S and W, 0.1 ohm thru 3,320 ohms, res. tol. F, life failure rates M, P, and R.	ESS-2B	39007-036-01	/11	Vishay Dale, Inc. (2)

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
IRC Shallcross, Inc. U.S. 70 East, P.O. Box 2240 Smithfield, NC 27577 Plant: Same Address	54294
Tepro of Florida, Inc. P.O. Box 1260 Clearwater, FL 33617 Plant: Same Address	15915
Vishay Dale, Inc. 1122 23rd Street P.O. Box 609 Columbus, NE 68602-0609 Plants: 1. Same Address 2. Electronica Dale De Mexico S.A. De C.V. Avenue Insurgentes No. 606 Juarez, Chihuahua, Mexico	91637

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: IRC Shallcross, Inc.
U.S. 70 East, P.O. Box 2240
Smithfield, NC 27577

*NS - (NON-STOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY)

Arrow Zeus *
3254 Fraser Street
Aurora, CO 80011

Future Electronics
41 Main Street
Bolton, MA 01740

Jaco Electronics *
2822 Townsgate Road
Westlake Village, CA 91361

Jaco Electronics *
145 Oser Avenue
Hauppauge, L.I., NY 11787

Justin Electronics *
3300 highway 421 North
Wilmington, NC 28402 (Category B)

Lauralekx, Inc.
1202 Tech Boulevard
Suite 108
Tampa, FL 33619

Marsh Electronics *
1563 South 101st Street
Milwaukee, WI 53214

Neumann Electronics
8665 Miralani Drive
San diego, CA 92126

New Yorker Electronics *
420 Center Avenue
Mamaroneck, NY 10543

Newark Electronics
4801 N. Ravenswood
Chicago, IL 60640

Newark Electronics
217 Wilcox Avenue
Gaffney, SC 29340

Spirit Electronics *
7819 East Greenway, Suite 9
Scottsdale, AZ 85269

T.T.I., Inc.
2441 Northeast Parkway
Fort Worth, TX 76101-1896 (Category B)

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: Vishay Dale, Inc.
1122 23rd Street, P.O. Box 609
Columbus, NE 68602-0609

* NS - (NON-STOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY)

Avnet EMG
11333 Pagemill Road
Dallas, TX 75243-8399

Bell Industries
EDD Dayton Division
446 Windsor Park Drive
Dayton, OH 45459

Capstone Electronics, Inc.
3254 Fraser Street
Aurora, CO 80011

Jaco Electronics, Inc.
145 Oser Avenue
Hauppauge, NY 11788

Kent Electronics, Inc.
7433 Harwin Drive
Houston, TX 77036-2015

Loras Industries, Inc.
2640 Freewood Drive
Dallas, TX 75220
(NOTE: Category B-Hot Solder Dip Only
39007, 39009, 39017, 55182)

New Yorker Electronics Co., Inc.
420 Center Aenue
Mamaroneck, NY 10543

Ohmtek
2160 Liberty Drive
Niagara Falls, NY 14304
(NOTE: MIL-R-55342 only)

T.T.I., Inc. *

15535 San Fernando Mission Blvd.
Suite 319
Mission Hills, CA 91345

T.T I., Inc. *

1570 Brookhollow, Suite 103
Santa Ana, CA 92705

T.T.I., Inc. *

4700 Rockside Road
Independence, OH 44131

T.T.I., Inc.

2441 Northeast Parkway
Fort Worth, TX 76101-1896
(NOTE: Category B - MIL-R-55182 only)

Tri-Start Electronics, Inc.
134 Remington Boulevard
Ronkonkoma, NY 11779